

Question 1 [25 marks]

0: $\frac{12}{3} = 4$

1: $\frac{12}{2} = 6$

2: $\frac{8}{5} = 1\frac{3}{5}$

3: $\frac{8}{5} = 1\frac{3}{5}$

4: $\frac{11}{2} = 5\frac{1}{2}$

5: $\frac{9}{3} = 3$

6: $\frac{11}{5} = 2\frac{1}{5}$

7: $\frac{9}{4} = 2\frac{1}{4}$

8: $\frac{7}{5} = 1\frac{2}{5}$

9: $\frac{9}{5} = 1\frac{4}{5}$

10: $\frac{7}{3} = 2\frac{1}{3}$

11: $\frac{10}{6} = 1\frac{2}{3}$

12: $\frac{10}{6} = 1\frac{2}{3}$

13: $\frac{12}{4} = 3$

14: $\frac{7}{6} = 1\frac{1}{6}$

15: $\frac{8}{5} = 1\frac{3}{5}$

16: $\frac{11}{6} = 1\frac{5}{6}$

17: $\frac{7}{4} = 1\frac{3}{4}$

18: $\frac{11}{2} = 5\frac{1}{2}$

19: $\frac{12}{4} = 3$

20: $\frac{11}{4} = 2\frac{3}{4}$

21: $\frac{12}{3} = 4$

22: $\frac{9}{6} = 1\frac{1}{2}$

23: $\frac{12}{3} = 4$

24: $\frac{10}{3} = 3\frac{1}{3}$

25: $\frac{8}{4} = 2$

towhole_7to12_2to6

Question 2 [25 marks]

0: $\frac{8}{2} = 4$

1: $\frac{12}{4} = 3$

2: $\frac{7}{3} = 2\frac{1}{3}$

3: $\frac{10}{6} = 1\frac{2}{3}$

4: $\frac{9}{2} = 4\frac{1}{2}$

5: $\frac{11}{5} = 2\frac{1}{5}$

6: $\frac{10}{2} = 5$

7: $\frac{11}{2} = 5\frac{1}{2}$

8: $\frac{9}{6} = 1\frac{1}{2}$

9: $\frac{8}{3} = 2\frac{2}{3}$

10: $\frac{8}{2} = 4$

11: $\frac{7}{4} = 1\frac{3}{4}$

12: $\frac{7}{5} = 1\frac{2}{5}$

13: $\frac{10}{2} = 5$

14: $\frac{9}{4} = 2\frac{1}{4}$

15: $\frac{11}{3} = 3\frac{2}{3}$

16: $\frac{11}{3} = 3\frac{2}{3}$

17: $\frac{8}{2} = 4$

18: $\frac{11}{3} = 3\frac{2}{3}$

19: $\frac{9}{6} = 1\frac{1}{2}$

20: $\frac{10}{2} = 5$

21: $\frac{7}{5} = 1\frac{2}{5}$

22: $\frac{10}{5} = 2$

23: $\frac{9}{2} = 4\frac{1}{2}$

24: $\frac{9}{3} = 3$

25: $\frac{9}{6} = 1\frac{1}{2}$

towhole_7to12_2to6

Question 3 [25 marks]

0: $\frac{10}{2} = 5$

1: $\frac{8}{3} = 2\frac{2}{3}$

2: $\frac{9}{4} = 2\frac{1}{4}$

3: $\frac{7}{4} = 1\frac{3}{4}$

4: $\frac{11}{3} = 3\frac{2}{3}$

5: $\frac{9}{6} = 1\frac{1}{2}$

6: $\frac{8}{2} = 4$

7: $\frac{8}{3} = 2\frac{2}{3}$

8: $\frac{10}{6} = 1\frac{2}{3}$

9: $\frac{7}{4} = 1\frac{3}{4}$

10: $\frac{11}{4} = 2\frac{3}{4}$

11: $\frac{10}{2} = 5$

12: $\frac{11}{3} = 3\frac{2}{3}$

13: $\frac{11}{5} = 2\frac{1}{5}$

14: $\frac{8}{3} = 2\frac{2}{3}$

15: $\frac{7}{4} = 1\frac{3}{4}$

16: $\frac{12}{2} = 6$

17: $\frac{11}{3} = 3\frac{2}{3}$

18: $\frac{11}{6} = 1\frac{5}{6}$

19: $\frac{7}{4} = 1\frac{3}{4}$

20: $\frac{8}{6} = 1\frac{1}{3}$

21: $\frac{7}{3} = 2\frac{1}{3}$

22: $\frac{8}{5} = 1\frac{3}{5}$

23: $\frac{8}{6} = 1\frac{1}{3}$

24: $\frac{12}{6} = 2$

25: $\frac{12}{2} = 6$

*towhole_7to12_2to6***Question 4** [25 marks]

0: $\frac{8}{5} = 1\frac{3}{5}$

1: $\frac{9}{6} = 1\frac{1}{2}$

2: $\frac{7}{4} = 1\frac{3}{4}$

3: $\frac{9}{5} = 1\frac{4}{5}$

4: $\frac{11}{6} = 1\frac{5}{6}$

5: $\frac{9}{3} = 3$

6: $\frac{11}{4} = 2\frac{3}{4}$

7: $\frac{8}{4} = 2$

8: $\frac{8}{3} = 2\frac{2}{3}$

9: $\frac{12}{2} = 6$

10: $\frac{11}{4} = 2\frac{3}{4}$

11: $\frac{7}{4} = 1\frac{3}{4}$

12: $\frac{11}{6} = 1\frac{5}{6}$

13: $\frac{9}{2} = 4\frac{1}{2}$

14: $\frac{8}{6} = 1\frac{1}{3}$

15: $\frac{11}{5} = 2\frac{1}{5}$

16: $\frac{11}{4} = 2\frac{3}{4}$

17: $\frac{11}{3} = 3\frac{2}{3}$

18: $\frac{8}{5} = 1\frac{3}{5}$

19: $\frac{10}{6} = 1\frac{2}{3}$

20: $\frac{7}{6} = 1\frac{1}{6}$

21: $\frac{7}{5} = 1\frac{2}{5}$

22: $\frac{12}{2} = 6$

23: $\frac{7}{5} = 1\frac{2}{5}$

24: $\frac{7}{6} = 1\frac{1}{6}$

25: $\frac{11}{2} = 5\frac{1}{2}$

towhole_7to12_2to6

Question 5 [25 marks]

- 0: $\frac{20}{4} = 5$
1: $\frac{12}{8} = 1\frac{1}{2}$
2: $\frac{18}{9} = 2$
3: $\frac{15}{7} = 2\frac{1}{7}$
4: $\frac{20}{6} = 3\frac{1}{3}$
5: $\frac{14}{6} = 2\frac{1}{3}$
6: $\frac{18}{2} = 9$
7: $\frac{8}{1} = 8$
8: $\frac{13}{6} = 2\frac{1}{6}$
9: $\frac{19}{6} = 3\frac{1}{6}$
10: $\frac{10}{6} = 1\frac{2}{3}$
11: $\frac{11}{8} = 1\frac{3}{8}$
12: $\frac{9}{2} = 4\frac{1}{2}$
13: $\frac{14}{10} = 1\frac{2}{5}$
14: $\frac{15}{5} = 3$
15: $\frac{11}{10} = 1\frac{1}{10}$
16: $\frac{10}{8} = 1\frac{1}{4}$
17: $\frac{18}{5} = 3\frac{3}{5}$
18: $\frac{15}{2} = 7\frac{1}{2}$
19: $\frac{11}{8} = 1\frac{3}{8}$
20: $\frac{17}{8} = 2\frac{1}{8}$
21: $\frac{11}{7} = 1\frac{4}{7}$
22: $\frac{18}{9} = 2$
23: $\frac{9}{3} = 3$
24: $\frac{9}{4} = 2\frac{1}{4}$
25: $\frac{14}{6} = 2\frac{1}{3}$

towhole_8to20_1to10

Question 6 [25 marks]

- 0: $\frac{14}{9} = 1\frac{5}{9}$
1: $\frac{18}{3} = 6$
2: $\frac{12}{6} = 2$
3: $\frac{11}{8} = 1\frac{3}{8}$
4: $\frac{9}{10} = \frac{9}{10}$
5: $\frac{20}{8} = 2\frac{1}{2}$
6: $\frac{10}{9} = 1\frac{1}{9}$
7: $\frac{16}{5} = 3\frac{1}{5}$
8: $\frac{13}{8} = 1\frac{5}{8}$
9: $\frac{12}{2} = 6$
10: $\frac{18}{9} = 2$
11: $\frac{18}{4} = 4\frac{1}{2}$
12: $\frac{19}{3} = 6\frac{1}{3}$
13: $\frac{17}{2} = 8\frac{1}{2}$
14: $\frac{15}{3} = 5$
15: $\frac{18}{3} = 6$
16: $\frac{13}{7} = 1\frac{6}{7}$
17: $\frac{16}{3} = 5\frac{1}{3}$
18: $\frac{19}{4} = 4\frac{3}{4}$
19: $\frac{8}{9} = \frac{8}{9}$
20: $\frac{8}{3} = 2\frac{2}{3}$
21: $\frac{17}{2} = 8\frac{1}{2}$
22: $\frac{19}{5} = 3\frac{4}{5}$
23: $\frac{18}{2} = 9$
24: $\frac{13}{8} = 1\frac{5}{8}$
25: $\frac{8}{6} = 1\frac{1}{3}$

towhole_8to20_1to10

Question 7 [25 marks]

- 0: $\frac{11}{6} = 1\frac{5}{6}$
1: $\frac{16}{2} = 8$
2: $\frac{10}{10} = 1$
3: $\frac{14}{9} = 1\frac{5}{9}$
4: $\frac{10}{10} = 1$
5: $\frac{16}{5} = 3\frac{1}{5}$
6: $\frac{20}{6} = 3\frac{1}{3}$
7: $\frac{8}{4} = 2$
8: $\frac{9}{9} = 1$
9: $\frac{14}{10} = 1\frac{2}{5}$
10: $\frac{8}{2} = 4$
11: $\frac{13}{9} = 1\frac{4}{9}$
12: $\frac{10}{2} = 5$
13: $\frac{8}{5} = 1\frac{3}{5}$
14: $\frac{13}{7} = 1\frac{6}{7}$
15: $\frac{10}{6} = 1\frac{2}{3}$
16: $\frac{19}{5} = 3\frac{4}{5}$
17: $\frac{16}{5} = 3\frac{1}{5}$
18: $\frac{20}{4} = 5$
19: $\frac{18}{1} = 18$
20: $\frac{17}{10} = 1\frac{7}{10}$
21: $\frac{14}{4} = 3\frac{1}{2}$
22: $\frac{9}{1} = 9$
23: $\frac{17}{1} = 17$
24: $\frac{12}{5} = 2\frac{2}{5}$
25: $\frac{15}{3} = 5$

towhole_8to20_1to10

Question 8 [25 marks]

- 0: $\frac{9}{7} = 1\frac{2}{7}$
1: $\frac{20}{8} = 2\frac{1}{2}$
2: $\frac{20}{6} = 3\frac{1}{3}$
3: $\frac{16}{7} = 2\frac{2}{7}$
4: $\frac{14}{9} = 1\frac{5}{9}$
5: $\frac{9}{9} = 1$
6: $\frac{8}{3} = 2\frac{2}{3}$
7: $\frac{8}{8} = 1$
8: $\frac{8}{9} = \frac{8}{9}$
9: $\frac{14}{9} = 1\frac{5}{9}$
10: $\frac{14}{2} = 7$
11: $\frac{19}{3} = 6\frac{1}{3}$
12: $\frac{15}{9} = 1\frac{2}{3}$
13: $\frac{9}{7} = 1\frac{2}{7}$
14: $\frac{20}{8} = 2\frac{1}{2}$
15: $\frac{12}{9} = 1\frac{1}{3}$
16: $\frac{10}{4} = 2\frac{1}{2}$
17: $\frac{14}{2} = 7$
18: $\frac{10}{6} = 1\frac{2}{3}$
19: $\frac{12}{2} = 6$
20: $\frac{20}{4} = 5$
21: $\frac{13}{6} = 2\frac{1}{6}$
22: $\frac{18}{9} = 2$
23: $\frac{14}{4} = 3\frac{1}{2}$
24: $\frac{19}{7} = 2\frac{5}{7}$
25: $\frac{18}{10} = 1\frac{4}{5}$

towhole_8to20_1to10

Question 9 [25 marks]

0: $\frac{29}{3} = 9\frac{2}{3}$

1: $\frac{19}{8} = 2\frac{3}{8}$

2: $\frac{25}{2} = 12\frac{1}{2}$

3: $\frac{29}{7} = 4\frac{1}{7}$

4: $\frac{31}{4} = 7\frac{3}{4}$

5: $\frac{25}{3} = 8\frac{1}{3}$

6: $\frac{14}{5} = 2\frac{4}{5}$

7: $\frac{32}{10} = 3\frac{1}{5}$

8: $\frac{19}{5} = 3\frac{4}{5}$

9: $\frac{34}{2} = 17$

10: $\frac{33}{2} = 16\frac{1}{2}$

11: $\frac{22}{9} = 2\frac{4}{9}$

12: $\frac{13}{9} = 1\frac{4}{9}$

13: $\frac{14}{4} = 3\frac{1}{2}$

14: $\frac{11}{8} = 1\frac{3}{8}$

15: $\frac{38}{4} = 9\frac{1}{2}$

16: $\frac{38}{10} = 3\frac{4}{5}$

17: $\frac{20}{4} = 5$

18: $\frac{17}{10} = 1\frac{7}{10}$

19: $\frac{29}{6} = 4\frac{5}{6}$

20: $\frac{15}{5} = 3$

21: $\frac{28}{10} = 2\frac{4}{5}$

22: $\frac{40}{3} = 13\frac{1}{3}$

23: $\frac{24}{8} = 3$

24: $\frac{18}{4} = 4\frac{1}{2}$

25: $\frac{35}{3} = 11\frac{2}{3}$

towhole_11to40_2to10

Question 10 [25 marks]

0: $\frac{27}{7} = 3\frac{6}{7}$

1: $\frac{13}{10} = 1\frac{3}{10}$

2: $\frac{33}{10} = 3\frac{3}{10}$

3: $\frac{32}{2} = 16$

4: $\frac{15}{9} = 1\frac{2}{3}$

5: $\frac{19}{2} = 9\frac{1}{2}$

6: $\frac{24}{3} = 8$

7: $\frac{24}{10} = 2\frac{2}{5}$

8: $\frac{25}{4} = 6\frac{1}{4}$

9: $\frac{16}{9} = 1\frac{7}{9}$

10: $\frac{15}{2} = 7\frac{1}{2}$

11: $\frac{23}{6} = 3\frac{5}{6}$

12: $\frac{32}{10} = 3\frac{1}{5}$

13: $\frac{38}{10} = 3\frac{4}{5}$

14: $\frac{18}{8} = 2\frac{1}{4}$

15: $\frac{28}{10} = 2\frac{4}{5}$

16: $\frac{27}{2} = 13\frac{1}{2}$

17: $\frac{28}{7} = 4$

18: $\frac{24}{6} = 4$

19: $\frac{35}{3} = 11\frac{2}{3}$

20: $\frac{37}{4} = 9\frac{1}{4}$

21: $\frac{21}{4} = 5\frac{1}{4}$

22: $\frac{13}{3} = 4\frac{1}{3}$

23: $\frac{16}{6} = 2\frac{2}{3}$

24: $\frac{11}{6} = 1\frac{5}{6}$

25: $\frac{24}{4} = 6$

towhole_11to40_2to10

Question 11 [25 marks]

0: $\frac{18}{8} = 2\frac{1}{4}$

1: $\frac{36}{6} = 6$

2: $\frac{22}{2} = 11$

3: $\frac{22}{3} = 7\frac{1}{3}$

4: $\frac{35}{3} = 11\frac{2}{3}$

5: $\frac{22}{6} = 3\frac{2}{3}$

6: $\frac{20}{7} = 2\frac{6}{7}$

7: $\frac{15}{6} = 2\frac{1}{2}$

8: $\frac{37}{7} = 5\frac{2}{7}$

9: $\frac{31}{2} = 15\frac{1}{2}$

10: $\frac{26}{6} = 4\frac{1}{3}$

11: $\frac{31}{5} = 6\frac{1}{5}$

12: $\frac{29}{9} = 3\frac{2}{9}$

13: $\frac{12}{2} = 6$

14: $\frac{11}{8} = 1\frac{3}{8}$

15: $\frac{18}{3} = 6$

16: $\frac{33}{4} = 8\frac{1}{4}$

17: $\frac{35}{4} = 8\frac{3}{4}$

18: $\frac{15}{7} = 2\frac{1}{7}$

19: $\frac{28}{4} = 7$

20: $\frac{28}{5} = 5\frac{3}{5}$

21: $\frac{17}{2} = 8\frac{1}{2}$

22: $\frac{19}{6} = 3\frac{1}{6}$

23: $\frac{29}{6} = 4\frac{5}{6}$

24: $\frac{35}{10} = 3\frac{1}{2}$

25: $\frac{20}{10} = 2$

towhole_11to40_2to10

Question 12 [25 marks]

0: $\frac{30}{2} = 15$

1: $\frac{26}{7} = 3\frac{5}{7}$

2: $\frac{26}{6} = 4\frac{1}{3}$

3: $\frac{13}{8} = 1\frac{5}{8}$

4: $\frac{38}{3} = 12\frac{2}{3}$

5: $\frac{19}{5} = 3\frac{4}{5}$

6: $\frac{22}{2} = 11$

7: $\frac{13}{4} = 3\frac{1}{4}$

8: $\frac{29}{3} = 9\frac{2}{3}$

9: $\frac{39}{2} = 19\frac{1}{2}$

10: $\frac{15}{9} = 1\frac{2}{3}$

11: $\frac{21}{4} = 5\frac{1}{4}$

12: $\frac{18}{2} = 9$

13: $\frac{23}{8} = 2\frac{7}{8}$

14: $\frac{40}{7} = 5\frac{5}{7}$

15: $\frac{26}{4} = 6\frac{1}{2}$

16: $\frac{23}{9} = 2\frac{5}{9}$

17: $\frac{14}{8} = 1\frac{3}{4}$

18: $\frac{39}{9} = 4\frac{1}{3}$

19: $\frac{26}{9} = 2\frac{8}{9}$

20: $\frac{14}{8} = 1\frac{3}{4}$

21: $\frac{27}{7} = 3\frac{6}{7}$

22: $\frac{40}{6} = 6\frac{2}{3}$

23: $\frac{31}{4} = 7\frac{3}{4}$

24: $\frac{39}{2} = 19\frac{1}{2}$

25: $\frac{36}{3} = 12$

towhole_11to40_2to10

Question 13 [25 marks]

- 0: $\frac{21}{10} = 2\frac{1}{10}$
1: $\frac{37}{2} = 18\frac{1}{2}$
2: $\frac{40}{5} = 8$
3: $\frac{28}{8} = 3\frac{1}{2}$
4: $\frac{19}{4} = 4\frac{3}{4}$
5: $\frac{20}{6} = 3\frac{1}{3}$
6: $\frac{27}{3} = 9$
7: $\frac{19}{5} = 3\frac{4}{5}$
8: $\frac{15}{9} = 1\frac{2}{3}$
9: $\frac{13}{8} = 1\frac{5}{8}$
10: $\frac{15}{8} = 1\frac{7}{8}$
11: $\frac{12}{9} = 1\frac{1}{3}$
12: $\frac{31}{5} = 6\frac{1}{5}$
13: $\frac{19}{2} = 9\frac{1}{2}$
14: $\frac{34}{2} = 17$
15: $\frac{35}{8} = 4\frac{3}{8}$
16: $\frac{23}{9} = 2\frac{5}{9}$
17: $\frac{22}{7} = 3\frac{1}{7}$
18: $\frac{19}{9} = 2\frac{1}{9}$
19: $\frac{30}{6} = 5$
20: $\frac{24}{7} = 3\frac{3}{7}$
21: $\frac{39}{9} = 4\frac{1}{3}$
22: $\frac{17}{7} = 2\frac{3}{7}$
23: $\frac{14}{6} = 2\frac{1}{3}$
24: $\frac{33}{3} = 11$
25: $\frac{30}{2} = 15$

towhole_11to40_2to10

Question 14 [25 marks]

- 0: $\frac{23}{8} = 2\frac{7}{8}$
1: $\frac{19}{10} = 1\frac{9}{10}$
2: $\frac{29}{2} = 14\frac{1}{2}$
3: $\frac{16}{5} = 3\frac{1}{5}$
4: $\frac{37}{6} = 6\frac{1}{6}$
5: $\frac{40}{2} = 20$
6: $\frac{40}{6} = 6\frac{2}{3}$
7: $\frac{14}{8} = 1\frac{3}{4}$
8: $\frac{35}{6} = 5\frac{5}{6}$
9: $\frac{12}{9} = 1\frac{1}{3}$
10: $\frac{26}{8} = 3\frac{1}{4}$
11: $\frac{26}{2} = 13$
12: $\frac{15}{3} = 5$
13: $\frac{25}{10} = 2\frac{1}{2}$
14: $\frac{36}{8} = 4\frac{1}{2}$
15: $\frac{13}{3} = 4\frac{1}{3}$
16: $\frac{25}{4} = 6\frac{1}{4}$
17: $\frac{37}{10} = 3\frac{7}{10}$
18: $\frac{33}{8} = 4\frac{1}{8}$
19: $\frac{27}{8} = 3\frac{3}{8}$
20: $\frac{19}{9} = 2\frac{1}{9}$
21: $\frac{39}{2} = 19\frac{1}{2}$
22: $\frac{31}{4} = 7\frac{3}{4}$
23: $\frac{14}{2} = 7$
24: $\frac{23}{10} = 2\frac{3}{10}$
25: $\frac{25}{4} = 6\frac{1}{4}$

towhole_11to40_2to10

Question 15 [25 marks]

- 0: $\frac{34}{10} = 3\frac{2}{5}$
1: $\frac{19}{10} = 1\frac{9}{10}$
2: $\frac{17}{9} = 1\frac{8}{9}$
3: $\frac{30}{9} = 3\frac{1}{3}$
4: $\frac{18}{5} = 3\frac{3}{5}$
5: $\frac{16}{7} = 2\frac{2}{7}$
6: $\frac{11}{3} = 3\frac{2}{3}$
7: $\frac{38}{4} = 9\frac{1}{2}$
8: $\frac{15}{6} = 2\frac{1}{2}$
9: $\frac{17}{4} = 4\frac{1}{4}$
10: $\frac{23}{3} = 7\frac{2}{3}$
11: $\frac{30}{5} = 6$
12: $\frac{16}{4} = 4$
13: $\frac{27}{2} = 13\frac{1}{2}$
14: $\frac{25}{7} = 3\frac{4}{7}$
15: $\frac{31}{3} = 10\frac{1}{3}$
16: $\frac{29}{10} = 2\frac{9}{10}$
17: $\frac{24}{6} = 4$
18: $\frac{17}{8} = 2\frac{1}{8}$
19: $\frac{39}{6} = 6\frac{1}{2}$
20: $\frac{18}{3} = 6$
21: $\frac{31}{3} = 10\frac{1}{3}$
22: $\frac{15}{5} = 3$
23: $\frac{30}{6} = 5$
24: $\frac{37}{5} = 7\frac{2}{5}$
25: $\frac{36}{7} = 5\frac{1}{7}$

towhole_11to40_2to10

Question 16 [25 marks]

- 0: $\frac{31}{7} = 4\frac{3}{7}$
1: $\frac{24}{2} = 12$
2: $\frac{27}{7} = 3\frac{6}{7}$
3: $\frac{17}{5} = 3\frac{2}{5}$
4: $\frac{30}{7} = 4\frac{2}{7}$
5: $\frac{32}{3} = 10\frac{2}{3}$
6: $\frac{35}{5} = 7$
7: $\frac{33}{8} = 4\frac{1}{8}$
8: $\frac{28}{4} = 7$
9: $\frac{30}{9} = 3\frac{1}{3}$
10: $\frac{36}{7} = 5\frac{1}{7}$
11: $\frac{32}{8} = 4$
12: $\frac{38}{7} = 5\frac{3}{7}$
13: $\frac{24}{10} = 2\frac{2}{5}$
14: $\frac{20}{9} = 2\frac{2}{9}$
15: $\frac{15}{8} = 1\frac{7}{8}$
16: $\frac{26}{2} = 13$
17: $\frac{23}{9} = 2\frac{5}{9}$
18: $\frac{30}{7} = 4\frac{2}{7}$
19: $\frac{15}{8} = 1\frac{7}{8}$
20: $\frac{38}{9} = 4\frac{2}{9}$
21: $\frac{34}{3} = 11\frac{1}{3}$
22: $\frac{33}{3} = 11$
23: $\frac{21}{7} = 3$
24: $\frac{26}{2} = 13$
25: $\frac{28}{3} = 9\frac{1}{3}$

towhole_11to40_2to10

Question 17 [25 marks]

- 0: $\frac{80}{20} = 4$
1: $\frac{92}{3} = 30\frac{2}{3}$
2: $\frac{40}{13} = 3\frac{1}{13}$
3: $\frac{25}{15} = 1\frac{2}{3}$
4: $\frac{33}{15} = 2\frac{1}{5}$
5: $\frac{36}{3} = 12$
6: $\frac{43}{19} = 2\frac{5}{19}$
7: $\frac{98}{1} = 98$
8: $\frac{42}{6} = 7$
9: $\frac{70}{18} = 3\frac{8}{9}$
10: $\frac{67}{19} = 3\frac{10}{19}$
11: $\frac{67}{8} = 8\frac{3}{8}$
12: $\frac{69}{4} = 17\frac{1}{4}$
13: $\frac{94}{3} = 31\frac{1}{3}$
14: $\frac{60}{9} = 6\frac{2}{3}$
15: $\frac{99}{17} = 5\frac{14}{17}$
16: $\frac{67}{16} = 4\frac{3}{16}$
17: $\frac{26}{4} = 6\frac{1}{2}$
18: $\frac{66}{16} = 4\frac{1}{8}$
19: $\frac{54}{9} = 6$
20: $\frac{62}{14} = 4\frac{3}{7}$
21: $\frac{47}{7} = 6\frac{5}{7}$
22: $\frac{39}{18} = 2\frac{1}{6}$
23: $\frac{99}{13} = 7\frac{8}{13}$
24: $\frac{95}{17} = 5\frac{10}{17}$
25: $\frac{94}{11} = 8\frac{6}{11}$

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Question 18 [25 marks]

- 0: $\frac{98}{6} = 16\frac{1}{3}$
1: $\frac{54}{4} = 13\frac{1}{2}$
2: $\frac{96}{2} = 48$
3: $\frac{39}{8} = 4\frac{7}{8}$
4: $\frac{22}{6} = 3\frac{2}{3}$
5: $\frac{29}{6} = 4\frac{5}{6}$
6: $\frac{93}{4} = 23\frac{1}{4}$
7: $\frac{29}{4} = 7\frac{1}{4}$
8: $\frac{87}{12} = 7\frac{1}{4}$
9: $\frac{63}{18} = 3\frac{1}{2}$
10: $\frac{80}{19} = 4\frac{4}{19}$
11: $\frac{42}{8} = 5\frac{1}{4}$
12: $\frac{69}{10} = 6\frac{9}{10}$
13: $\frac{88}{12} = 7\frac{1}{3}$
14: $\frac{50}{16} = 3\frac{1}{8}$
15: $\frac{42}{3} = 14$
16: $\frac{52}{9} = 5\frac{7}{9}$
17: $\frac{54}{14} = 3\frac{6}{7}$
18: $\frac{57}{13} = 4\frac{5}{13}$
19: $\frac{44}{11} = 4$
20: $\frac{38}{6} = 6\frac{1}{3}$
21: $\frac{77}{3} = 25\frac{2}{3}$
22: $\frac{50}{16} = 3\frac{1}{8}$
23: $\frac{43}{11} = 3\frac{10}{11}$
24: $\frac{48}{6} = 8$
25: $\frac{90}{19} = 4\frac{14}{19}$

towhole_21to100_1to20

Question 19 [25 marks]

- 0: $\frac{51}{10} = 5\frac{1}{10}$
1: $\frac{42}{20} = 2\frac{1}{10}$
2: $\frac{95}{18} = 5\frac{5}{18}$
3: $\frac{29}{20} = 1\frac{9}{20}$
4: $\frac{35}{16} = 2\frac{3}{16}$
5: $\frac{48}{6} = 8$
6: $\frac{21}{8} = 2\frac{5}{8}$
7: $\frac{27}{19} = 1\frac{8}{19}$
8: $\frac{69}{16} = 4\frac{5}{16}$
9: $\frac{70}{7} = 10$
10: $\frac{100}{18} = 5\frac{5}{9}$
11: $\frac{86}{19} = 4\frac{10}{19}$
12: $\frac{70}{12} = 5\frac{5}{6}$
13: $\frac{75}{3} = 25$
14: $\frac{91}{10} = 9\frac{1}{10}$
15: $\frac{83}{19} = 4\frac{7}{19}$
16: $\frac{90}{9} = 10$
17: $\frac{77}{9} = 8\frac{5}{9}$
18: $\frac{77}{12} = 6\frac{5}{12}$
19: $\frac{96}{4} = 24$
20: $\frac{96}{3} = 32$
21: $\frac{30}{5} = 6$
22: $\frac{28}{14} = 2$
23: $\frac{97}{20} = 4\frac{17}{20}$
24: $\frac{44}{16} = 2\frac{3}{4}$
25: $\frac{36}{7} = 5\frac{1}{7}$

*towhole_21to100_1to20***Question 20** [25 marks]

- 0: $\frac{96}{15} = 6\frac{2}{5}$
1: $\frac{93}{17} = 5\frac{8}{17}$
2: $\frac{43}{16} = 2\frac{11}{16}$
3: $\frac{82}{2} = 41$
4: $\frac{48}{18} = 2\frac{2}{3}$
5: $\frac{75}{10} = 7\frac{1}{2}$
6: $\frac{87}{11} = 7\frac{10}{11}$
7: $\frac{88}{20} = 4\frac{2}{5}$
8: $\frac{75}{2} = 37\frac{1}{2}$
9: $\frac{44}{10} = 4\frac{2}{5}$
10: $\frac{60}{5} = 12$
11: $\frac{56}{3} = 18\frac{2}{3}$
12: $\frac{75}{1} = 75$
13: $\frac{96}{4} = 24$
14: $\frac{73}{5} = 14\frac{3}{5}$
15: $\frac{93}{12} = 7\frac{3}{4}$
16: $\frac{66}{6} = 11$
17: $\frac{34}{15} = 2\frac{4}{15}$
18: $\frac{68}{12} = 5\frac{2}{3}$
19: $\frac{65}{18} = 3\frac{11}{18}$
20: $\frac{36}{3} = 12$
21: $\frac{47}{10} = 4\frac{7}{10}$
22: $\frac{22}{9} = 2\frac{4}{9}$
23: $\frac{70}{2} = 35$
24: $\frac{57}{11} = 5\frac{2}{11}$
25: $\frac{41}{4} = 10\frac{1}{4}$

towhole_21to100_1to20

Question 21 [25 marks]

- 0: $\frac{31}{15} = 2\frac{1}{15}$
1: $\frac{61}{7} = 8\frac{5}{7}$
2: $\frac{71}{10} = 7\frac{1}{10}$
3: $\frac{44}{16} = 2\frac{3}{4}$
4: $\frac{74}{6} = 12\frac{1}{3}$
5: $\frac{44}{3} = 14\frac{2}{3}$
6: $\frac{78}{11} = 7\frac{1}{11}$
7: $\frac{65}{9} = 7\frac{2}{9}$
8: $\frac{93}{12} = 7\frac{3}{4}$
9: $\frac{94}{3} = 31\frac{1}{3}$
10: $\frac{87}{11} = 7\frac{10}{11}$
11: $\frac{58}{2} = 29$
12: $\frac{98}{1} = 98$
13: $\frac{37}{19} = 1\frac{18}{19}$
14: $\frac{66}{20} = 3\frac{3}{10}$
15: $\frac{62}{1} = 62$
16: $\frac{60}{14} = 4\frac{2}{7}$
17: $\frac{100}{17} = 5\frac{15}{17}$
18: $\frac{95}{16} = 5\frac{15}{16}$
19: $\frac{52}{2} = 26$
20: $\frac{52}{16} = 3\frac{1}{4}$
21: $\frac{25}{16} = 1\frac{9}{16}$
22: $\frac{90}{10} = 9$
23: $\frac{71}{2} = 35\frac{1}{2}$
24: $\frac{78}{4} = 19\frac{1}{2}$
25: $\frac{44}{1} = 44$

*towhole_21to100_1to20***Question 22** [25 marks]

- 0: $\frac{57}{6} = 9\frac{1}{2}$
1: $\frac{38}{17} = 2\frac{4}{17}$
2: $\frac{41}{16} = 2\frac{9}{16}$
3: $\frac{26}{9} = 2\frac{8}{9}$
4: $\frac{98}{14} = 7$
5: $\frac{86}{9} = 9\frac{5}{9}$
6: $\frac{92}{3} = 30\frac{2}{3}$
7: $\frac{69}{20} = 3\frac{9}{20}$
8: $\frac{63}{7} = 9$
9: $\frac{56}{7} = 8$
10: $\frac{56}{11} = 5\frac{1}{11}$
11: $\frac{63}{12} = 5\frac{1}{4}$
12: $\frac{25}{17} = 1\frac{8}{17}$
13: $\frac{24}{11} = 2\frac{2}{11}$
14: $\frac{65}{10} = 6\frac{1}{2}$
15: $\frac{38}{13} = 2\frac{12}{13}$
16: $\frac{36}{18} = 2$
17: $\frac{78}{3} = 26$
18: $\frac{78}{18} = 4\frac{1}{3}$
19: $\frac{69}{9} = 7\frac{2}{3}$
20: $\frac{72}{13} = 5\frac{7}{13}$
21: $\frac{27}{18} = 1\frac{1}{2}$
22: $\frac{96}{4} = 24$
23: $\frac{54}{5} = 10\frac{4}{5}$
24: $\frac{67}{16} = 4\frac{3}{16}$
25: $\frac{74}{9} = 8\frac{2}{9}$

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Question 23 [25 marks]

- 0: $\frac{79}{11} = 7\frac{2}{11}$
1: $\frac{26}{17} = 1\frac{9}{17}$
2: $\frac{45}{20} = 2\frac{1}{4}$
3: $\frac{24}{6} = 4$
4: $\frac{72}{17} = 4\frac{4}{17}$
5: $\frac{45}{6} = 7\frac{1}{2}$
6: $\frac{45}{18} = 2\frac{1}{2}$
7: $\frac{41}{2} = 20\frac{1}{2}$
8: $\frac{63}{20} = 3\frac{3}{20}$
9: $\frac{87}{16} = 5\frac{7}{16}$
10: $\frac{91}{4} = 22\frac{3}{4}$
11: $\frac{38}{19} = 2$
12: $\frac{63}{7} = 9$
13: $\frac{89}{15} = 5\frac{14}{15}$
14: $\frac{85}{10} = 8\frac{1}{2}$
15: $\frac{50}{2} = 25$
16: $\frac{95}{17} = 5\frac{10}{17}$
17: $\frac{69}{12} = 5\frac{3}{4}$
18: $\frac{88}{12} = 7\frac{1}{3}$
19: $\frac{34}{7} = 4\frac{6}{7}$
20: $\frac{100}{13} = 7\frac{9}{13}$
21: $\frac{94}{9} = 10\frac{4}{9}$
22: $\frac{72}{9} = 8$
23: $\frac{99}{7} = 14\frac{1}{7}$
24: $\frac{40}{2} = 20$
25: $\frac{88}{12} = 7\frac{1}{3}$

*towhole_21to100_1to20***Question 24** [25 marks]

- 0: $\frac{24}{17} = 1\frac{7}{17}$
1: $\frac{55}{1} = 55$
2: $\frac{59}{5} = 11\frac{4}{5}$
3: $\frac{83}{4} = 20\frac{3}{4}$
4: $\frac{36}{13} = 2\frac{10}{13}$
5: $\frac{93}{9} = 10\frac{1}{3}$
6: $\frac{31}{12} = 2\frac{7}{12}$
7: $\frac{99}{5} = 19\frac{4}{5}$
8: $\frac{57}{5} = 11\frac{2}{5}$
9: $\frac{80}{4} = 20$
10: $\frac{47}{17} = 2\frac{13}{17}$
11: $\frac{22}{1} = 22$
12: $\frac{75}{14} = 5\frac{5}{14}$
13: $\frac{39}{19} = 2\frac{1}{19}$
14: $\frac{24}{19} = 1\frac{5}{19}$
15: $\frac{81}{17} = 4\frac{13}{17}$
16: $\frac{58}{16} = 3\frac{5}{8}$
17: $\frac{39}{19} = 2\frac{1}{19}$
18: $\frac{62}{4} = 15\frac{1}{2}$
19: $\frac{32}{9} = 3\frac{5}{9}$
20: $\frac{72}{2} = 36$
21: $\frac{93}{7} = 13\frac{2}{7}$
22: $\frac{93}{10} = 9\frac{3}{10}$
23: $\frac{52}{7} = 7\frac{3}{7}$
24: $\frac{84}{4} = 21$
25: $\frac{53}{18} = 2\frac{17}{18}$

towhole_21to100_1to20

Question 25 [25 marks]

0: $5\frac{4}{10} = \frac{27}{5}$

1: $5\frac{1}{7} = \frac{36}{7}$

2: $5\frac{4}{8} = \frac{11}{2}$

3: $2\frac{5}{7} = \frac{19}{7}$

4: $4\frac{4}{8} = \frac{9}{2}$

5: $3\frac{5}{10} = \frac{7}{2}$

6: $4\frac{3}{7} = \frac{31}{7}$

7: $2\frac{4}{10} = \frac{12}{5}$

8: $2\frac{2}{7} = \frac{16}{7}$

9: $3\frac{3}{10} = \frac{33}{10}$

10: $4\frac{4}{10} = \frac{22}{5}$

11: $4\frac{1}{7} = \frac{29}{7}$

12: $3\frac{1}{10} = \frac{31}{10}$

13: $3\frac{4}{8} = \frac{7}{2}$

14: $1\frac{2}{10} = \frac{6}{5}$

15: $1\frac{3}{9} = \frac{4}{3}$

16: $4\frac{1}{8} = \frac{33}{8}$

17: $1\frac{5}{6} = \frac{11}{6}$

18: $4\frac{4}{6} = \frac{14}{3}$

19: $3\frac{4}{10} = \frac{17}{5}$

20: $1\frac{4}{9} = \frac{13}{9}$

21: $1\frac{3}{10} = \frac{13}{10}$

22: $2\frac{4}{6} = \frac{8}{3}$

23: $4\frac{3}{6} = \frac{9}{2}$

24: $1\frac{2}{9} = \frac{11}{9}$

25: $3\frac{3}{8} = \frac{27}{8}$

*fromwhole_1to5_1to5_6to10***Question 26** [25 marks]

0: $2\frac{3}{9} = \frac{7}{3}$

1: $1\frac{3}{7} = \frac{10}{7}$

2: $3\frac{5}{8} = \frac{29}{8}$

3: $5\frac{5}{6} = \frac{35}{6}$

4: $3\frac{4}{8} = \frac{7}{2}$

5: $5\frac{3}{7} = \frac{38}{7}$

6: $5\frac{2}{8} = \frac{21}{4}$

7: $2\frac{5}{6} = \frac{17}{6}$

8: $5\frac{2}{7} = \frac{37}{7}$

9: $1\frac{5}{6} = \frac{11}{6}$

10: $5\frac{4}{10} = \frac{27}{5}$

11: $3\frac{5}{7} = \frac{26}{7}$

12: $4\frac{4}{9} = \frac{40}{9}$

13: $1\frac{4}{9} = \frac{13}{9}$

14: $5\frac{1}{6} = \frac{31}{6}$

15: $2\frac{1}{9} = \frac{19}{9}$

16: $4\frac{5}{8} = \frac{37}{8}$

17: $3\frac{3}{9} = \frac{10}{3}$

18: $4\frac{4}{6} = \frac{14}{3}$

19: $4\frac{4}{8} = \frac{9}{2}$

20: $2\frac{3}{8} = \frac{19}{8}$

21: $2\frac{2}{7} = \frac{16}{7}$

22: $2\frac{5}{7} = \frac{19}{7}$

23: $2\frac{1}{8} = \frac{17}{8}$

24: $3\frac{4}{9} = \frac{31}{9}$

25: $2\frac{1}{7} = \frac{15}{7}$

fromwhole_1to5_1to5_6to10

Question 27 [25 marks]

- 0: $5\frac{4}{9} = \frac{49}{9}$
- 1: $2\frac{3}{9} = \frac{7}{3}$
- 2: $2\frac{2}{10} = \frac{11}{5}$
- 3: $2\frac{4}{8} = \frac{5}{2}$
- 4: $3\frac{2}{10} = \frac{16}{5}$
- 5: $3\frac{1}{6} = \frac{19}{6}$
- 6: $2\frac{1}{9} = \frac{19}{9}$
- 7: $4\frac{3}{9} = \frac{13}{3}$
- 8: $3\frac{3}{7} = \frac{24}{7}$
- 9: $2\frac{3}{7} = \frac{17}{7}$
- 10: $5\frac{3}{8} = \frac{43}{8}$
- 11: $2\frac{5}{10} = \frac{5}{2}$
- 12: $4\frac{4}{9} = \frac{40}{9}$
- 13: $1\frac{4}{10} = \frac{7}{5}$
- 14: $1\frac{3}{10} = \frac{13}{10}$
- 15: $4\frac{4}{10} = \frac{22}{5}$
- 16: $2\frac{2}{7} = \frac{16}{7}$
- 17: $5\frac{4}{9} = \frac{49}{9}$
- 18: $3\frac{1}{9} = \frac{28}{9}$
- 19: $2\frac{4}{10} = \frac{12}{5}$
- 20: $4\frac{3}{10} = \frac{43}{10}$
- 21: $1\frac{5}{6} = \frac{11}{6}$
- 22: $1\frac{5}{9} = \frac{14}{9}$
- 23: $4\frac{3}{8} = \frac{35}{8}$
- 24: $1\frac{5}{9} = \frac{14}{9}$
- 25: $5\frac{3}{6} = \frac{11}{2}$

fromwhole_1to5_1to5_6to10

Question 28 [25 marks]

- 0: $1\frac{5}{10} = \frac{3}{2}$
- 1: $4\frac{3}{9} = \frac{13}{3}$
- 2: $4\frac{1}{9} = \frac{37}{9}$
- 3: $2\frac{5}{6} = \frac{17}{6}$
- 4: $3\frac{3}{9} = \frac{10}{3}$
- 5: $5\frac{4}{9} = \frac{49}{9}$
- 6: $5\frac{4}{8} = \frac{11}{2}$
- 7: $4\frac{1}{10} = \frac{41}{10}$
- 8: $5\frac{1}{10} = \frac{51}{10}$
- 9: $4\frac{5}{7} = \frac{33}{7}$
- 10: $4\frac{5}{10} = \frac{9}{2}$
- 11: $2\frac{2}{8} = \frac{9}{4}$
- 12: $3\frac{3}{9} = \frac{10}{3}$
- 13: $1\frac{1}{8} = \frac{9}{8}$
- 14: $4\frac{1}{8} = \frac{33}{8}$
- 15: $4\frac{5}{9} = \frac{41}{9}$
- 16: $5\frac{4}{7} = \frac{39}{7}$
- 17: $1\frac{1}{6} = \frac{7}{6}$
- 18: $2\frac{5}{7} = \frac{19}{7}$
- 19: $2\frac{5}{8} = \frac{21}{8}$
- 20: $1\frac{3}{6} = \frac{3}{2}$
- 21: $1\frac{2}{10} = \frac{6}{5}$
- 22: $1\frac{4}{9} = \frac{13}{9}$
- 23: $4\frac{2}{7} = \frac{30}{7}$
- 24: $3\frac{2}{9} = \frac{29}{9}$
- 25: $1\frac{5}{10} = \frac{3}{2}$

fromwhole_1to5_1to5_6to10

Question 29 [25 marks]

0: $2\frac{4}{8} = \frac{5}{2}$

1: $5\frac{4}{9} = \frac{49}{9}$

2: $4\frac{1}{7} = \frac{29}{7}$

3: $2\frac{1}{9} = \frac{19}{9}$

4: $2\frac{2}{6} = \frac{7}{3}$

5: $2\frac{5}{9} = \frac{23}{9}$

6: $2\frac{4}{8} = \frac{5}{2}$

7: $1\frac{2}{7} = \frac{9}{7}$

8: $3\frac{1}{9} = \frac{28}{9}$

9: $2\frac{3}{10} = \frac{23}{10}$

10: $5\frac{2}{9} = \frac{47}{9}$

11: $1\frac{4}{8} = \frac{3}{2}$

12: $3\frac{5}{9} = \frac{32}{9}$

13: $5\frac{3}{6} = \frac{11}{2}$

14: $2\frac{1}{9} = \frac{19}{9}$

15: $3\frac{4}{9} = \frac{31}{9}$

16: $2\frac{1}{8} = \frac{17}{8}$

17: $3\frac{4}{10} = \frac{17}{5}$

18: $3\frac{2}{10} = \frac{16}{5}$

19: $1\frac{2}{10} = \frac{6}{5}$

20: $2\frac{1}{7} = \frac{15}{7}$

21: $2\frac{5}{9} = \frac{23}{9}$

22: $3\frac{5}{10} = \frac{7}{2}$

23: $4\frac{2}{7} = \frac{30}{7}$

24: $4\frac{5}{6} = \frac{29}{6}$

25: $4\frac{2}{10} = \frac{21}{5}$

*fromwhole_1to5_1to5_6to10***Question 30** [25 marks]

0: $1\frac{3}{10} = \frac{13}{10}$

1: $4\frac{5}{9} = \frac{41}{9}$

2: $3\frac{2}{8} = \frac{13}{4}$

3: $5\frac{5}{6} = \frac{35}{6}$

4: $3\frac{2}{10} = \frac{16}{5}$

5: $2\frac{5}{10} = \frac{5}{2}$

6: $2\frac{2}{8} = \frac{9}{4}$

7: $1\frac{1}{10} = \frac{11}{10}$

8: $3\frac{2}{6} = \frac{10}{3}$

9: $2\frac{3}{8} = \frac{19}{8}$

10: $5\frac{5}{6} = \frac{35}{6}$

11: $3\frac{3}{6} = \frac{7}{2}$

12: $4\frac{3}{9} = \frac{13}{3}$

13: $3\frac{4}{6} = \frac{11}{3}$

14: $3\frac{3}{6} = \frac{7}{2}$

15: $1\frac{5}{9} = \frac{14}{9}$

16: $1\frac{1}{9} = \frac{10}{9}$

17: $2\frac{5}{8} = \frac{21}{8}$

18: $5\frac{5}{8} = \frac{45}{8}$

19: $5\frac{4}{6} = \frac{17}{3}$

20: $2\frac{4}{9} = \frac{22}{9}$

21: $2\frac{5}{9} = \frac{23}{9}$

22: $5\frac{1}{7} = \frac{36}{7}$

23: $3\frac{4}{6} = \frac{11}{3}$

24: $5\frac{1}{10} = \frac{51}{10}$

25: $3\frac{2}{7} = \frac{23}{7}$

fromwhole_1to5_1to5_6to10

Question 31 [25 marks]

0: $1\frac{5}{7} = \frac{12}{7}$

1: $2\frac{4}{7} = \frac{18}{7}$

2: $3\frac{1}{9} = \frac{28}{9}$

3: $3\frac{4}{7} = \frac{25}{7}$

4: $1\frac{3}{7} = \frac{10}{7}$

5: $1\frac{3}{8} = \frac{11}{8}$

6: $4\frac{2}{9} = \frac{38}{9}$

7: $2\frac{1}{7} = \frac{15}{7}$

8: $1\frac{3}{9} = \frac{4}{3}$

9: $5\frac{1}{9} = \frac{46}{9}$

10: $2\frac{5}{9} = \frac{23}{9}$

11: $2\frac{1}{8} = \frac{17}{8}$

12: $4\frac{1}{7} = \frac{29}{7}$

13: $5\frac{4}{9} = \frac{49}{9}$

14: $4\frac{1}{9} = \frac{37}{9}$

15: $4\frac{5}{8} = \frac{37}{8}$

16: $1\frac{1}{8} = \frac{9}{8}$

17: $5\frac{4}{10} = \frac{27}{5}$

18: $5\frac{1}{10} = \frac{51}{10}$

19: $3\frac{5}{6} = \frac{23}{6}$

20: $3\frac{5}{8} = \frac{29}{8}$

21: $4\frac{2}{10} = \frac{21}{5}$

22: $3\frac{2}{9} = \frac{29}{9}$

23: $2\frac{3}{6} = \frac{5}{2}$

24: $5\frac{4}{10} = \frac{27}{5}$

25: $5\frac{3}{10} = \frac{53}{10}$

*fromwhole_1to5_1to5_6to10***Question 32** [25 marks]

0: $4\frac{5}{7} = \frac{33}{7}$

1: $5\frac{5}{9} = \frac{50}{9}$

2: $2\frac{5}{9} = \frac{23}{9}$

3: $5\frac{4}{9} = \frac{49}{9}$

4: $2\frac{3}{10} = \frac{23}{10}$

5: $1\frac{3}{8} = \frac{11}{8}$

6: $2\frac{3}{8} = \frac{19}{8}$

7: $4\frac{3}{9} = \frac{13}{3}$

8: $2\frac{4}{10} = \frac{12}{5}$

9: $2\frac{3}{7} = \frac{17}{7}$

10: $2\frac{3}{8} = \frac{19}{8}$

11: $4\frac{4}{8} = \frac{9}{2}$

12: $3\frac{2}{6} = \frac{10}{3}$

13: $5\frac{5}{7} = \frac{40}{7}$

14: $3\frac{1}{6} = \frac{19}{6}$

15: $3\frac{4}{9} = \frac{31}{9}$

16: $5\frac{4}{10} = \frac{27}{5}$

17: $3\frac{3}{6} = \frac{7}{2}$

18: $3\frac{1}{8} = \frac{25}{8}$

19: $2\frac{4}{10} = \frac{12}{5}$

20: $1\frac{3}{8} = \frac{11}{8}$

21: $2\frac{1}{9} = \frac{19}{9}$

22: $3\frac{2}{8} = \frac{13}{4}$

23: $1\frac{2}{7} = \frac{9}{7}$

24: $2\frac{1}{10} = \frac{21}{10}$

25: $5\frac{3}{6} = \frac{11}{2}$

fromwhole_1to5_1to5_6to10

Question 33 [25 marks]

- 0: $8\frac{8}{6} = \frac{28}{3}$
- 1: $3\frac{3}{10} = \frac{33}{10}$
- 2: $1\frac{10}{9} = \frac{19}{9}$
- 3: $10\frac{5}{9} = \frac{95}{9}$
- 4: $4\frac{2}{10} = \frac{21}{5}$
- 5: $2\frac{5}{5} = 3$
- 6: $9\frac{8}{6} = \frac{31}{3}$
- 7: $2\frac{2}{10} = \frac{11}{5}$
- 8: $8\frac{10}{6} = \frac{29}{3}$
- 9: $6\frac{6}{10} = \frac{33}{5}$
- 10: $1\frac{5}{8} = \frac{13}{8}$
- 11: $7\frac{2}{6} = \frac{22}{3}$
- 12: $1\frac{5}{6} = \frac{11}{6}$
- 13: $9\frac{2}{8} = \frac{37}{4}$
- 14: $4\frac{9}{5} = \frac{29}{5}$
- 15: $6\frac{5}{8} = \frac{53}{8}$
- 16: $6\frac{3}{8} = \frac{51}{8}$
- 17: $9\frac{4}{5} = \frac{49}{5}$
- 18: $6\frac{8}{7} = \frac{50}{7}$
- 19: $6\frac{1}{7} = \frac{43}{7}$
- 20: $7\frac{7}{6} = \frac{49}{6}$
- 21: $9\frac{10}{5} = 11$
- 22: $9\frac{9}{8} = \frac{81}{8}$
- 23: $10\frac{8}{9} = \frac{98}{9}$
- 24: $6\frac{7}{9} = \frac{61}{9}$
- 25: $9\frac{8}{5} = \frac{53}{5}$

*fromwhole_1to10_1to10_5to10***Question 34** [25 marks]

- 0: $7\frac{6}{10} = \frac{38}{5}$
- 1: $4\frac{9}{6} = \frac{11}{2}$
- 2: $4\frac{9}{9} = 5$
- 3: $2\frac{7}{8} = \frac{23}{8}$
- 4: $3\frac{6}{10} = \frac{18}{5}$
- 5: $6\frac{7}{5} = \frac{37}{5}$
- 6: $8\frac{1}{9} = \frac{73}{9}$
- 7: $10\frac{8}{6} = \frac{34}{3}$
- 8: $6\frac{8}{6} = \frac{22}{3}$
- 9: $5\frac{10}{5} = 7$
- 10: $9\frac{1}{8} = \frac{73}{8}$
- 11: $2\frac{7}{5} = \frac{17}{5}$
- 12: $3\frac{5}{8} = \frac{29}{8}$
- 13: $5\frac{1}{6} = \frac{31}{6}$
- 14: $6\frac{9}{8} = \frac{57}{8}$
- 15: $4\frac{6}{9} = \frac{14}{3}$
- 16: $7\frac{8}{6} = \frac{25}{3}$
- 17: $4\frac{7}{10} = \frac{47}{10}$
- 18: $5\frac{6}{10} = \frac{28}{5}$
- 19: $10\frac{5}{10} = \frac{21}{2}$
- 20: $7\frac{6}{8} = \frac{31}{4}$
- 21: $2\frac{6}{6} = 3$
- 22: $8\frac{5}{7} = \frac{61}{7}$
- 23: $9\frac{10}{9} = \frac{91}{9}$
- 24: $2\frac{1}{5} = \frac{11}{5}$
- 25: $4\frac{3}{10} = \frac{43}{10}$

fromwhole_1to10_1to10_5to10

Question 35 [25 marks]

- 0: $5\frac{10}{8} = \frac{25}{4}$
- 1: $8\frac{5}{6} = \frac{53}{6}$
- 2: $3\frac{10}{8} = \frac{17}{4}$
- 3: $3\frac{3}{5} = \frac{18}{5}$
- 4: $5\frac{6}{7} = \frac{41}{7}$
- 5: $1\frac{10}{8} = \frac{9}{4}$
- 6: $8\frac{3}{8} = \frac{67}{8}$
- 7: $2\frac{1}{6} = \frac{13}{6}$
- 8: $3\frac{4}{10} = \frac{17}{5}$
- 9: $6\frac{1}{7} = \frac{43}{7}$
- 10: $2\frac{4}{8} = \frac{5}{2}$
- 11: $10\frac{9}{8} = \frac{89}{8}$
- 12: $10\frac{2}{10} = \frac{51}{5}$
- 13: $5\frac{9}{9} = 6$
- 14: $2\frac{10}{5} = 4$
- 15: $4\frac{10}{7} = \frac{38}{7}$
- 16: $3\frac{9}{10} = \frac{39}{10}$
- 17: $5\frac{5}{5} = 6$
- 18: $7\frac{8}{6} = \frac{25}{3}$
- 19: $10\frac{6}{8} = \frac{43}{4}$
- 20: $9\frac{3}{8} = \frac{75}{8}$
- 21: $7\frac{4}{9} = \frac{67}{9}$
- 22: $3\frac{4}{6} = \frac{11}{3}$
- 23: $7\frac{5}{8} = \frac{61}{8}$
- 24: $8\frac{4}{8} = \frac{17}{2}$
- 25: $8\frac{3}{7} = \frac{59}{7}$

*fromwhole_1to10_1to10_5to10***Question 36** [25 marks]

- 0: $7\frac{3}{7} = \frac{52}{7}$
- 1: $3\frac{3}{9} = \frac{10}{3}$
- 2: $10\frac{6}{7} = \frac{76}{7}$
- 3: $10\frac{3}{9} = \frac{31}{3}$
- 4: $5\frac{7}{10} = \frac{57}{10}$
- 5: $6\frac{1}{8} = \frac{49}{8}$
- 6: $1\frac{3}{7} = \frac{10}{7}$
- 7: $4\frac{1}{6} = \frac{25}{6}$
- 8: $6\frac{5}{8} = \frac{53}{8}$
- 9: $2\frac{6}{9} = \frac{8}{3}$
- 10: $3\frac{2}{9} = \frac{29}{9}$
- 11: $10\frac{10}{9} = \frac{100}{9}$
- 12: $7\frac{3}{10} = \frac{73}{10}$
- 13: $3\frac{10}{9} = \frac{37}{9}$
- 14: $8\frac{5}{6} = \frac{53}{6}$
- 15: $9\frac{10}{8} = \frac{41}{4}$
- 16: $6\frac{5}{9} = \frac{59}{9}$
- 17: $9\frac{8}{5} = \frac{53}{5}$
- 18: $3\frac{3}{5} = \frac{18}{5}$
- 19: $10\frac{10}{9} = \frac{100}{9}$
- 20: $7\frac{6}{6} = 8$
- 21: $1\frac{2}{8} = \frac{5}{4}$
- 22: $6\frac{2}{9} = \frac{56}{9}$
- 23: $8\frac{8}{9} = \frac{80}{9}$
- 24: $4\frac{9}{9} = 5$
- 25: $9\frac{8}{6} = \frac{31}{3}$

fromwhole_1to10_1to10_5to10

Question 37 [25 marks]

0: $1\frac{5}{6} = \frac{11}{6}$

1: $4\frac{5}{7} = \frac{33}{7}$

2: $6\frac{3}{5} = \frac{33}{5}$

3: $3\frac{7}{9} = \frac{34}{9}$

4: $4\frac{5}{6} = \frac{29}{6}$

5: $8\frac{3}{10} = \frac{83}{10}$

6: $10\frac{10}{5} = 12$

7: $6\frac{6}{9} = \frac{20}{3}$

8: $10\frac{9}{5} = \frac{59}{5}$

9: $5\frac{2}{10} = \frac{26}{5}$

10: $10\frac{3}{10} = \frac{103}{10}$

11: $8\frac{3}{7} = \frac{59}{7}$

12: $9\frac{5}{5} = 10$

13: $7\frac{1}{10} = \frac{71}{10}$

14: $7\frac{10}{10} = 8$

15: $3\frac{2}{6} = \frac{10}{3}$

16: $1\frac{1}{9} = \frac{10}{9}$

17: $1\frac{7}{8} = \frac{15}{8}$

18: $9\frac{10}{8} = \frac{41}{4}$

19: $3\frac{2}{5} = \frac{17}{5}$

20: $7\frac{6}{10} = \frac{38}{5}$

21: $6\frac{1}{5} = \frac{31}{5}$

22: $10\frac{2}{8} = \frac{41}{4}$

23: $4\frac{9}{10} = \frac{49}{10}$

24: $6\frac{3}{8} = \frac{51}{8}$

25: $1\frac{9}{8} = \frac{17}{8}$

*fromwhole_1to10_1to10_5to10***Question 38** [25 marks]

0: $5\frac{3}{9} = \frac{16}{3}$

1: $8\frac{2}{8} = \frac{33}{4}$

2: $1\frac{4}{5} = \frac{9}{5}$

3: $7\frac{3}{7} = \frac{52}{7}$

4: $2\frac{6}{7} = \frac{20}{7}$

5: $4\frac{4}{8} = \frac{9}{2}$

6: $10\frac{1}{10} = \frac{101}{10}$

7: $9\frac{8}{7} = \frac{71}{7}$

8: $7\frac{2}{8} = \frac{29}{4}$

9: $1\frac{8}{10} = \frac{9}{5}$

10: $5\frac{3}{6} = \frac{11}{2}$

11: $3\frac{8}{6} = \frac{13}{3}$

12: $3\frac{5}{7} = \frac{26}{7}$

13: $9\frac{7}{7} = 10$

14: $6\frac{10}{9} = \frac{64}{9}$

15: $9\frac{6}{5} = \frac{51}{5}$

16: $9\frac{5}{9} = \frac{86}{9}$

17: $8\frac{8}{5} = \frac{48}{5}$

18: $7\frac{10}{9} = \frac{73}{9}$

19: $5\frac{4}{8} = \frac{11}{2}$

20: $7\frac{5}{10} = \frac{15}{2}$

21: $6\frac{10}{10} = 7$

22: $10\frac{10}{6} = \frac{35}{3}$

23: $4\frac{5}{10} = \frac{9}{2}$

24: $2\frac{7}{9} = \frac{25}{9}$

25: $7\frac{6}{9} = \frac{23}{3}$

fromwhole_1to10_1to10_5to10

Question 39 [25 marks]

- 0: $5\frac{8}{6} = \frac{19}{3}$
- 1: $3\frac{9}{9} = 4$
- 2: $8\frac{1}{6} = \frac{49}{6}$
- 3: $9\frac{1}{6} = \frac{55}{6}$
- 4: $8\frac{7}{7} = 9$
- 5: $2\frac{5}{7} = \frac{19}{7}$
- 6: $2\frac{9}{6} = \frac{7}{2}$
- 7: $3\frac{7}{9} = \frac{34}{9}$
- 8: $7\frac{7}{9} = \frac{70}{9}$
- 9: $8\frac{7}{8} = \frac{71}{8}$
- 10: $4\frac{5}{7} = \frac{33}{7}$
- 11: $7\frac{5}{10} = \frac{15}{2}$
- 12: $5\frac{7}{7} = 6$
- 13: $4\frac{2}{8} = \frac{17}{4}$
- 14: $3\frac{8}{5} = \frac{23}{5}$
- 15: $3\frac{9}{5} = \frac{24}{5}$
- 16: $4\frac{5}{5} = 5$
- 17: $1\frac{2}{5} = \frac{7}{5}$
- 18: $9\frac{9}{10} = \frac{99}{10}$
- 19: $4\frac{10}{9} = \frac{46}{9}$
- 20: $5\frac{3}{8} = \frac{43}{8}$
- 21: $5\frac{7}{5} = \frac{32}{5}$
- 22: $3\frac{4}{8} = \frac{7}{2}$
- 23: $5\frac{3}{9} = \frac{16}{3}$
- 24: $10\frac{5}{9} = \frac{95}{9}$
- 25: $8\frac{2}{10} = \frac{41}{5}$

*fromwhole_1to10_1to10_5to10***Question 40** [25 marks]

- 0: $6\frac{6}{8} = \frac{27}{4}$
- 1: $10\frac{3}{7} = \frac{73}{7}$
- 2: $8\frac{6}{7} = \frac{62}{7}$
- 3: $10\frac{3}{5} = \frac{53}{5}$
- 4: $4\frac{3}{6} = \frac{9}{2}$
- 5: $2\frac{9}{5} = \frac{19}{5}$
- 6: $5\frac{6}{8} = \frac{23}{4}$
- 7: $4\frac{8}{7} = \frac{36}{7}$
- 8: $5\frac{7}{5} = \frac{32}{5}$
- 9: $1\frac{2}{10} = \frac{6}{5}$
- 10: $7\frac{5}{7} = \frac{54}{7}$
- 11: $2\frac{5}{9} = \frac{23}{9}$
- 12: $2\frac{10}{8} = \frac{13}{4}$
- 13: $5\frac{5}{9} = \frac{50}{9}$
- 14: $6\frac{9}{6} = \frac{15}{2}$
- 15: $4\frac{4}{8} = \frac{9}{2}$
- 16: $2\frac{9}{10} = \frac{29}{10}$
- 17: $5\frac{1}{8} = \frac{41}{8}$
- 18: $4\frac{4}{9} = \frac{40}{9}$
- 19: $10\frac{8}{10} = \frac{54}{5}$
- 20: $1\frac{4}{6} = \frac{5}{3}$
- 21: $8\frac{2}{6} = \frac{25}{3}$
- 22: $2\frac{7}{5} = \frac{17}{5}$
- 23: $6\frac{1}{7} = \frac{43}{7}$
- 24: $2\frac{4}{9} = \frac{22}{9}$
- 25: $4\frac{7}{8} = \frac{39}{8}$

fromwhole_1to10_1to10_5to10

Question 41 [25 marks]

- 0: $9\frac{6}{14} = \frac{66}{7}$
- 1: $4\frac{3}{11} = \frac{47}{11}$
- 2: $5\frac{2}{18} = \frac{46}{9}$
- 3: $7\frac{4}{11} = \frac{81}{11}$
- 4: $6\frac{10}{13} = \frac{88}{13}$
- 5: $6\frac{10}{16} = \frac{53}{8}$
- 6: $6\frac{10}{12} = \frac{41}{6}$
- 7: $10\frac{7}{19} = \frac{197}{19}$
- 8: $6\frac{3}{17} = \frac{105}{17}$
- 9: $10\frac{2}{16} = \frac{81}{8}$
- 10: $10\frac{9}{18} = \frac{21}{2}$
- 11: $9\frac{9}{18} = \frac{19}{2}$
- 12: $2\frac{8}{12} = \frac{8}{3}$
- 13: $7\frac{6}{10} = \frac{38}{5}$
- 14: $1\frac{10}{12} = \frac{11}{6}$
- 15: $5\frac{9}{15} = \frac{28}{5}$
- 16: $9\frac{7}{20} = \frac{187}{20}$
- 17: $3\frac{3}{19} = \frac{60}{19}$
- 18: $7\frac{2}{10} = \frac{36}{5}$
- 19: $4\frac{10}{12} = \frac{29}{6}$
- 20: $8\frac{10}{16} = \frac{69}{8}$
- 21: $7\frac{9}{15} = \frac{38}{5}$
- 22: $8\frac{1}{15} = \frac{121}{15}$
- 23: $2\frac{6}{18} = \frac{7}{3}$
- 24: $9\frac{9}{17} = \frac{162}{17}$
- 25: $9\frac{5}{10} = \frac{19}{2}$

*fromwhole_1to10_1to10_10to20***Question 42** [25 marks]

- 0: $6\frac{3}{20} = \frac{123}{20}$
- 1: $2\frac{1}{10} = \frac{21}{10}$
- 2: $1\frac{1}{11} = \frac{12}{11}$
- 3: $9\frac{4}{16} = \frac{37}{4}$
- 4: $7\frac{8}{11} = \frac{85}{11}$
- 5: $2\frac{7}{10} = \frac{27}{10}$
- 6: $5\frac{5}{17} = \frac{90}{17}$
- 7: $1\frac{6}{19} = \frac{25}{19}$
- 8: $1\frac{2}{13} = \frac{15}{13}$
- 9: $6\frac{8}{12} = \frac{20}{3}$
- 10: $7\frac{3}{11} = \frac{80}{11}$
- 11: $3\frac{7}{11} = \frac{40}{11}$
- 12: $1\frac{7}{18} = \frac{25}{18}$
- 13: $7\frac{5}{17} = \frac{124}{17}$
- 14: $9\frac{9}{12} = \frac{39}{4}$
- 15: $10\frac{2}{17} = \frac{172}{17}$
- 16: $9\frac{2}{17} = \frac{155}{17}$
- 17: $5\frac{10}{19} = \frac{105}{19}$
- 18: $3\frac{6}{17} = \frac{57}{17}$
- 19: $5\frac{8}{10} = \frac{29}{5}$
- 20: $4\frac{1}{18} = \frac{73}{18}$
- 21: $4\frac{7}{12} = \frac{55}{12}$
- 22: $3\frac{5}{10} = \frac{7}{2}$
- 23: $1\frac{7}{17} = \frac{24}{17}$
- 24: $9\frac{7}{18} = \frac{169}{18}$
- 25: $7\frac{3}{17} = \frac{122}{17}$

fromwhole_1to10_1to10_10to20

Question 43 [25 marks]

- 0: $8\frac{7}{14} = \frac{17}{2}$
1: $9\frac{9}{10} = \frac{99}{10}$
2: $1\frac{4}{17} = \frac{21}{17}$
3: $8\frac{4}{19} = \frac{156}{19}$
4: $6\frac{6}{10} = \frac{33}{5}$
5: $6\frac{4}{20} = \frac{31}{5}$
6: $7\frac{10}{19} = \frac{143}{19}$
7: $3\frac{2}{16} = \frac{25}{8}$
8: $3\frac{5}{10} = \frac{7}{2}$
9: $1\frac{3}{19} = \frac{22}{19}$
10: $10\frac{6}{11} = \frac{116}{11}$
11: $7\frac{10}{17} = \frac{129}{17}$
12: $2\frac{6}{15} = \frac{12}{5}$
13: $3\frac{2}{18} = \frac{28}{9}$
14: $3\frac{9}{20} = \frac{69}{20}$
15: $4\frac{4}{20} = \frac{21}{5}$
16: $3\frac{7}{11} = \frac{40}{11}$
17: $6\frac{5}{18} = \frac{113}{18}$
18: $1\frac{3}{16} = \frac{19}{16}$
19: $10\frac{8}{19} = \frac{198}{19}$
20: $6\frac{10}{11} = \frac{76}{11}$
21: $9\frac{9}{19} = \frac{180}{19}$
22: $2\frac{3}{13} = \frac{29}{13}$
23: $8\frac{7}{13} = \frac{111}{13}$
24: $10\frac{9}{19} = \frac{199}{19}$
25: $1\frac{7}{19} = \frac{26}{19}$

*fromwhole_1to10_1to10_10to20***Question 44** [25 marks]

- 0: $7\frac{8}{14} = \frac{53}{7}$
1: $9\frac{1}{11} = \frac{100}{11}$
2: $7\frac{10}{15} = \frac{23}{3}$
3: $3\frac{9}{19} = \frac{66}{19}$
4: $6\frac{10}{11} = \frac{76}{11}$
5: $5\frac{2}{13} = \frac{67}{13}$
6: $4\frac{2}{10} = \frac{21}{5}$
7: $10\frac{6}{19} = \frac{196}{19}$
8: $10\frac{4}{14} = \frac{72}{7}$
9: $5\frac{4}{17} = \frac{89}{17}$
10: $4\frac{4}{17} = \frac{72}{17}$
11: $7\frac{10}{16} = \frac{61}{8}$
12: $2\frac{9}{19} = \frac{47}{19}$
13: $4\frac{6}{12} = \frac{9}{2}$
14: $4\frac{8}{14} = \frac{32}{7}$
15: $3\frac{8}{12} = \frac{11}{3}$
16: $1\frac{6}{13} = \frac{19}{13}$
17: $2\frac{10}{15} = \frac{8}{3}$
18: $8\frac{9}{10} = \frac{89}{10}$
19: $10\frac{6}{13} = \frac{136}{13}$
20: $6\frac{2}{18} = \frac{55}{9}$
21: $1\frac{9}{14} = \frac{23}{14}$
22: $1\frac{6}{12} = \frac{3}{2}$
23: $1\frac{1}{12} = \frac{13}{12}$
24: $2\frac{9}{15} = \frac{13}{5}$
25: $3\frac{5}{11} = \frac{38}{11}$

fromwhole_1to10_1to10_10to20

Question 45 [25 marks]

0: $2\frac{10}{18} = \frac{23}{9}$

1: $7\frac{1}{14} = \frac{99}{14}$

2: $8\frac{7}{11} = \frac{95}{11}$

3: $5\frac{8}{15} = \frac{83}{15}$

4: $10\frac{7}{16} = \frac{167}{16}$

5: $7\frac{10}{12} = \frac{47}{6}$

6: $10\frac{4}{20} = \frac{51}{5}$

7: $4\frac{9}{12} = \frac{19}{4}$

8: $8\frac{1}{17} = \frac{137}{17}$

9: $6\frac{3}{17} = \frac{105}{17}$

10: $7\frac{1}{16} = \frac{113}{16}$

11: $1\frac{3}{19} = \frac{22}{19}$

12: $5\frac{10}{14} = \frac{40}{7}$

13: $6\frac{4}{15} = \frac{94}{15}$

14: $6\frac{3}{20} = \frac{123}{20}$

15: $1\frac{8}{18} = \frac{13}{9}$

16: $8\frac{10}{13} = \frac{114}{13}$

17: $7\frac{6}{19} = \frac{139}{19}$

18: $7\frac{10}{11} = \frac{87}{11}$

19: $4\frac{3}{16} = \frac{67}{16}$

20: $6\frac{10}{14} = \frac{47}{7}$

21: $6\frac{10}{19} = \frac{124}{19}$

22: $7\frac{7}{20} = \frac{147}{20}$

23: $3\frac{2}{12} = \frac{19}{6}$

24: $7\frac{6}{12} = \frac{15}{2}$

25: $9\frac{10}{14} = \frac{68}{7}$

Question 46 [25 marks]

0: $4\frac{10}{17} = \frac{78}{17}$

1: $10\frac{6}{18} = \frac{31}{3}$

2: $10\frac{7}{18} = \frac{187}{18}$

3: $4\frac{2}{10} = \frac{21}{5}$

4: $10\frac{3}{11} = \frac{113}{11}$

5: $9\frac{9}{19} = \frac{180}{19}$

6: $5\frac{5}{20} = \frac{21}{4}$

7: $7\frac{8}{13} = \frac{99}{13}$

8: $3\frac{4}{17} = \frac{55}{17}$

9: $3\frac{8}{14} = \frac{25}{7}$

10: $1\frac{5}{19} = \frac{24}{19}$

11: $10\frac{4}{17} = \frac{174}{17}$

12: $4\frac{4}{14} = \frac{30}{7}$

13: $5\frac{9}{16} = \frac{89}{16}$

14: $5\frac{2}{19} = \frac{97}{19}$

15: $4\frac{2}{13} = \frac{54}{13}$

16: $4\frac{2}{20} = \frac{41}{10}$

17: $4\frac{3}{19} = \frac{79}{19}$

18: $7\frac{9}{12} = \frac{31}{4}$

19: $2\frac{2}{11} = \frac{24}{11}$

20: $4\frac{3}{19} = \frac{79}{19}$

21: $9\frac{6}{11} = \frac{105}{11}$

22: $3\frac{2}{18} = \frac{28}{9}$

23: $7\frac{10}{13} = \frac{101}{13}$

24: $10\frac{8}{16} = \frac{21}{2}$

25: $3\frac{7}{16} = \frac{55}{16}$

*fromwhole_1to10_1to10_10to20**fromwhole_1to10_1to10_10to20*

Question 47 [25 marks]

- 0: $2\frac{8}{11} = \frac{30}{11}$
- 1: $8\frac{2}{19} = \frac{154}{19}$
- 2: $4\frac{10}{17} = \frac{78}{17}$
- 3: $10\frac{4}{15} = \frac{154}{15}$
- 4: $1\frac{9}{19} = \frac{28}{19}$
- 5: $8\frac{10}{15} = \frac{26}{3}$
- 6: $10\frac{10}{15} = \frac{32}{3}$
- 7: $5\frac{10}{10} = 6$
- 8: $2\frac{6}{17} = \frac{40}{17}$
- 9: $1\frac{10}{18} = \frac{14}{9}$
- 10: $8\frac{4}{16} = \frac{33}{4}$
- 11: $6\frac{8}{15} = \frac{98}{15}$
- 12: $7\frac{3}{19} = \frac{136}{19}$
- 13: $1\frac{8}{15} = \frac{23}{15}$
- 14: $2\frac{7}{12} = \frac{31}{12}$
- 15: $6\frac{3}{16} = \frac{99}{16}$
- 16: $8\frac{3}{18} = \frac{49}{6}$
- 17: $9\frac{10}{15} = \frac{29}{3}$
- 18: $10\frac{3}{14} = \frac{143}{14}$
- 19: $9\frac{6}{18} = \frac{28}{3}$
- 20: $1\frac{7}{18} = \frac{25}{18}$
- 21: $7\frac{5}{15} = \frac{22}{3}$
- 22: $7\frac{8}{14} = \frac{53}{7}$
- 23: $7\frac{2}{11} = \frac{79}{11}$
- 24: $8\frac{2}{15} = \frac{122}{15}$
- 25: $9\frac{10}{17} = \frac{163}{17}$

*fromwhole_1to10_1to10_10to20***Question 48** [25 marks]

- 0: $1\frac{7}{12} = \frac{19}{12}$
- 1: $3\frac{3}{17} = \frac{54}{17}$
- 2: $9\frac{9}{19} = \frac{180}{19}$
- 3: $8\frac{4}{16} = \frac{33}{4}$
- 4: $6\frac{4}{18} = \frac{56}{9}$
- 5: $2\frac{7}{20} = \frac{47}{20}$
- 6: $9\frac{3}{14} = \frac{129}{14}$
- 7: $1\frac{2}{14} = \frac{8}{7}$
- 8: $1\frac{5}{11} = \frac{16}{11}$
- 9: $8\frac{2}{12} = \frac{49}{6}$
- 10: $9\frac{8}{17} = \frac{161}{17}$
- 11: $3\frac{7}{15} = \frac{52}{15}$
- 12: $2\frac{5}{13} = \frac{31}{13}$
- 13: $5\frac{8}{16} = \frac{11}{2}$
- 14: $7\frac{9}{13} = \frac{100}{13}$
- 15: $7\frac{4}{16} = \frac{29}{4}$
- 16: $4\frac{7}{13} = \frac{59}{13}$
- 17: $4\frac{2}{14} = \frac{29}{7}$
- 18: $3\frac{10}{10} = 4$
- 19: $9\frac{4}{18} = \frac{83}{9}$
- 20: $2\frac{3}{17} = \frac{37}{17}$
- 21: $4\frac{7}{17} = \frac{75}{17}$
- 22: $1\frac{4}{12} = \frac{4}{3}$
- 23: $3\frac{7}{20} = \frac{67}{20}$
- 24: $2\frac{10}{11} = \frac{32}{11}$
- 25: $10\frac{2}{12} = \frac{61}{6}$

fromwhole_1to10_1to10_10to20