

Copy and complete the equivalent fractions.

1  $\frac{1}{3} = \frac{\square}{6}$

7  $\frac{\square}{3} = \frac{4}{6}$

2  $\frac{1}{2} = \frac{\square}{8}$

8  $\frac{\square}{6} = \frac{10}{12}$

3  $\frac{\square}{5} = \frac{4}{10}$

9  $\frac{3}{4} = \frac{\square}{12}$

4  $\frac{\square}{6} = \frac{2}{12}$

10  $\frac{4}{5} = \frac{\square}{10}$

5  $\frac{1}{4} = \frac{\square}{8}$

11  $\frac{\square}{3} = \frac{6}{9}$

6  $\frac{2}{3} = \frac{\square}{12}$

12  $\frac{\square}{3} = \frac{4}{12}$

Work out.

13  $\frac{3}{5} + \frac{1}{5}$

17  $\frac{5}{10} + \frac{2}{10}$

21  $1 - \frac{1}{3}$

14  $\frac{4}{9} + \frac{4}{9}$

18  $\frac{3}{7} + \frac{4}{7}$

22  $\frac{4}{6} - \frac{1}{6}$

15  $\frac{7}{12} + \frac{1}{12}$

19  $\frac{8}{11} - \frac{2}{11}$

23  $\frac{11}{12} - \frac{5}{12}$

16  $\frac{2}{6} + \frac{3}{6}$

20  $\frac{5}{8} - \frac{3}{8}$

24  $1 - \frac{7}{10}$

Find

25  $\frac{1}{5}$  of 60

31  $\frac{3}{10}$  of 500 g

26  $\frac{3}{4}$  of 28

32  $\frac{7}{10}$  of 800 ml

27  $\frac{2}{3}$  of 12 litres

33  $\frac{1}{10}$  of £3600

28  $\frac{7}{8}$  of 16 cm

34  $\frac{5}{100}$  of 4000 kg

29  $\frac{1}{12}$  of £132

35  $\frac{9}{10}$  of 290 km

30  $\frac{5}{6}$  of 30p

36  $\frac{4}{100}$  of 1200 m

What number do you reach?

37 Start at  $\frac{3}{10}$ . Count on 4 steps of  $\frac{1}{10}$ .

38 Start at  $\frac{7}{8}$ . Count back 5 steps of  $\frac{1}{8}$ .

39 Start at  $\frac{5}{12}$ . Count on 6 steps of  $\frac{1}{12}$ .

40 Start at 1. Count back 4 steps of  $\frac{1}{9}$ .

Write as decimals.

41  $\frac{3}{10}$

45  $\frac{19}{100}$

49  $\frac{53}{100}$

42  $\frac{72}{100}$

46  $\frac{1}{2}$

50  $\frac{3}{4}$

43  $\frac{1}{4}$

47  $\frac{48}{100}$

51  $\frac{2}{10}$

44  $\frac{6}{10}$

48  $\frac{9}{10}$

52  $\frac{86}{100}$

Divide each number by:

a) 10

b) 100.

53 45

57 99

61 6

54 10

58 2

62 57

55 4

59 30

63 80

56 28

60 83

64 5

Give the value of the underlined figure in each of these numbers.

65 5.73

69 3.1

73 6.08

66 60.2

70 0.95

74 19.7

67 7.49

71 428.3

75 0.54

68 12.62

72 34.51

76 97.86

Arrange in order, smallest first.

77 5.11, 1.15, 1.05, 5.5, 1.5

78 0.9, 2.9, 0.92, 0.29, 2.29

79 8.33, 3.08, 8.3, 3.8, 3.38

80 4.6, 6.46, 40.6, 6.6, 4.46

Round to the nearest whole one.

81 4.7

85 1.9

89 28.4

82 37.5

86 85.6

90 70.5

83 6.1

87 19.2

91 2.7

84 42.3

88 3.8

92 61.1