

EXERCISE-44

Divide:

1. 0.84 by 4
2. 0.69 by 3
3. 2.46 by 2
4. 8.48 by 4
5. 0.161 by 7
6. 37.44 by 8
7. 43.82 by 7
8. 8.19 by 9
9. 1.29 by 3
10. 0.824 by 8
11. 4.128 by 16
12. 59.52 by 24
13. 7.2 by 12
14. 39.818 by 43
15. 437.88 by 123
16. 262.984 by 463
17. 3.47 by 5
18. 1.3 by 4
19. 14.05 by 2
20. 21.6 by 16

$\Sigma x - 44$

$$\begin{aligned} 1.) & 0.84 \div 4 \\ & = \frac{84}{100} \div \frac{4}{1} \\ & = \frac{\cancel{84}^2}{100} \times \frac{1}{\cancel{4}_1} \\ & = \frac{21}{100} = 0.21 \end{aligned}$$

$$\begin{aligned} 13.) & 7.2 \div 12 \\ & = \frac{72}{10} \div \frac{12}{1} \\ & = \frac{\cancel{72}^6}{10} \times \frac{1}{\cancel{12}_1} \\ & = \frac{6}{10} = 0.6 \end{aligned}$$

$$\begin{aligned} 2.) & 0.69 \div 3 \\ & = \frac{69}{100} \div \frac{3}{1} \\ & = \frac{\cancel{69}^3}{100} \times \frac{1}{\cancel{3}_1} \\ & = \frac{23}{100} = 0.23 \end{aligned}$$

$$\begin{aligned} 17.) & 3.47 \div 5 \\ & = \frac{347}{100} \div \frac{5}{1} \\ & = \frac{347}{100} \times \frac{1}{5} \end{aligned}$$

$$\begin{array}{r} 5 \overline{) 347} \mid 69.4 \text{ OR } \frac{694}{10} \\ \underline{-30} \\ 47 \\ \underline{-45} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$\begin{aligned} & = \frac{694}{10} \div \frac{100}{1} \\ & = \frac{694}{10} \times \frac{1}{100} \\ & = \frac{694}{1000} = 0.694 \end{aligned}$$

$$\begin{aligned} 8.) & 8.19 \div 9 \\ & = \frac{819}{100} \div \frac{9}{1} \\ & = \frac{\cancel{819}^9}{100} \times \frac{1}{\cancel{9}_1} \\ & = \frac{91}{100} = 0.91 \end{aligned}$$

$$\begin{aligned} 19.) & 14.05 \div 2 \\ & = \frac{1405}{100} \div \frac{2}{1} \\ & = \frac{1405}{100} \times \frac{1}{2} \end{aligned}$$

$$\begin{array}{r} 2 \overline{) 1405} \mid 702.5 \\ \underline{-14} \\ 0 \\ \underline{-0} \\ 5 \\ \underline{-4} \\ 10 \\ \underline{-10} \\ 0 \end{array} \quad \text{OR} \quad \frac{7025}{10}$$

$$\begin{aligned} 9.) & 1.29 \div 3 \\ & = \frac{129}{100} \div \frac{3}{1} \\ & = \frac{\cancel{129}^3}{100} \times \frac{1}{\cancel{3}_1} \\ & = \frac{43}{100} = 0.43 \end{aligned}$$

$$\begin{aligned} & = \frac{7025}{10} \div 100 \\ & = \frac{7025}{10} \div \frac{100}{1} \\ & = \frac{7025}{10} \times \frac{1}{100} \\ & = \frac{7025}{1000} = 7.025 \end{aligned}$$

EXERCISE-45

Divide:

1. 81.25 by 10

2. 3.5 by 10

3. 0.56 by 10

4. 89.2 by 100

5. 1.4 by 100

6. 0.5 by 100

7. 3456 by 1000

8. 278.9 by 1000

9. 56.3 by 1000

10. 8.9 by 1000

11. 0.3 by 1000

12. Fill in the boxes:

(a) $17.32 \div \boxed{} = 1.732$

(b) $9 \div \boxed{} = 0.9$

(c) $173.5 \div \boxed{} = 1.735$

(d) $70.53 \div \boxed{} = 7.053$

(e) $49.76 \div \boxed{} = 0.4976$

(f) $867.3 \div \boxed{} = 0.8673$

(g) $4.9 \div \boxed{} = 0.0049$

(h) $97.1 \div \boxed{} = 0.971$

Ex-45

$$1) \quad 81.25 \div 10 \\ = 8.125$$

$$3) \quad 0.56 \div 10 \\ = 0.056$$

$$6) \quad 0.5 \div 100 \\ = 0.005$$

$$8) \quad 278.9 \div 1000 \\ = 0.2789$$

$$10) \quad 8.9 \div 1000 \\ = 0.0089$$

$$12) \quad a) \quad \begin{array}{r} 17.32 \\ 1.732 \end{array} \\ \therefore 10$$

$$c) \quad \begin{array}{r} 173.5 \\ 1.735 \end{array} \\ \therefore 100$$

$$d) \quad \begin{array}{r} 70.53 \\ 7.053 \end{array} \\ \therefore 10$$

$$h) \quad \begin{array}{r} 97.1 \\ 0.971 \end{array} \\ \therefore 100$$