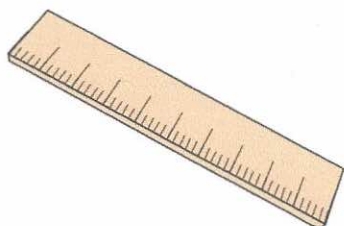


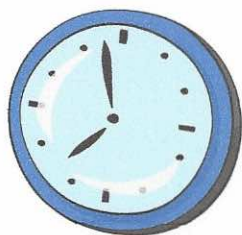
Primary Practice Questions



Corbettmaths



Percentages of Amounts



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

1. 50% of 32

$$32 \div 2 = 16$$

16

2. 25% of 12

$$12 \div 4 = 3$$

3

3. 10% of 60

$$60 \div 10 = 6$$

6

4. 50% of 17

$$17 \div 2 = 8.5$$

8.5

5. 25% of 600

$$600 \div 4 = 150$$

150

6. 75% of 48

$$\begin{array}{r} 50\% = 24 \\ 25\% = 12 \\ \hline 36 \end{array}$$

36

7. 10% of 800

$$800 \div 10$$

80

8. 1% of 700

$$700 \div 100$$

7

9. 20% of 30

$$\begin{array}{r} 10\% \text{ of } 30 = 3 \\ + 3 \\ \hline 6 \end{array}$$

6

10. 30% of 70

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline 21 \end{array} \quad (10\% \text{ of } 70)$$

21

11. 5% of 9,000

$$10\% \text{ of } 9000 = 900$$

$$900 \div 2 = 450$$

450

12. 20% of 1,600

$$\begin{array}{r} (10\%) \quad 160 \\ (10\%) \quad 160 \\ + \quad 320 \end{array}$$

320

13. 60% of 460

$$\begin{array}{r} 230 \\ + 46 \\ \hline 276 \end{array} \quad \begin{array}{l} (50\%) \\ (10\%) \end{array}$$

276

14. 3% of 500

$$\begin{array}{r} 5 \\ 5 \\ + 5 \\ \hline 15 \end{array} \quad (1\%)$$

15

15. 15% of 4,000

$$\begin{array}{r} 400 \\ + 200 \\ \hline 600 \end{array} \quad \begin{array}{l} (10\%) \\ (5\%) \end{array}$$

600

16. 35% of 820

$$\begin{array}{r} 82 \quad (10\%) \\ 82 \quad (10\%) \\ 82 \quad (10\%) \\ + 41 \quad (5\%) \\ \hline 287 \end{array}$$

287

17. 15% x 660

$$\begin{array}{r} (10\%) \quad 66 \\ (5\%) \quad + 33 \\ \hline \end{array}$$

99

18. 4% x 6,000

$$\begin{array}{r} (1\%) \quad 60 \\ \times 4 \\ \hline 240 \end{array}$$

240

19. A school has 152 students

50% of the students are boys.

How many of students are boys?

$$\begin{array}{r} 076 \\ 2 \overline{) 152} \end{array}$$

76

20. There are 800 fans at a rugby match between Carrick and Larne.



20% of the fans support Carrick.
The rest of the fans support Larne.

How many fans support Carrick?

$$10\% \text{ of } 800 = 80$$

$$80 + 80 = 160$$

160

How many fans support Larne?

$$\begin{array}{r} 700 \\ - 160 \\ \hline 640 \end{array}$$

640

21. Hannah has £700

She spends **15%** of her money on a new guitar.



How much does Hannah spend on her guitar?

$$\begin{array}{r} 70 \quad (10\%) \\ + 35 \quad (5\%) \\ \hline 105 \end{array}$$

£ 105

22. An adult ticket for a museum is £20.00

A child ticket costs 60% of the price of an adult ticket.



How much does a child ticket cost?

(50%) £10.00
(10%) £2.00
+
£12.00

£ 12

23. A cake has a mass of 600g.

45% of the cake is sugar.



How much does a child ticket cost?

$$10\% \text{ of } 600 = 60$$

$$5\% \text{ of } 600 = 30$$

$$60 \times 4 = 240\text{g}$$

$$240 + 30$$

270 g

24. 7% of 800

$$1\% \text{ of } 800 = 8$$

$$8 \times 7 = 56$$

56

25. 95% of 520

$$10\% \text{ of } 520 = 52$$

$$5\% \text{ of } 520 = 26$$

$$\begin{array}{r} 4\cancel{9}0 \\ - 26 \\ \hline 464 \end{array}$$

494

26. 99% of 400

$$1\% \text{ of } 400 = 4$$

$$400 - 4 = 396$$

396

27. 80% of 29,000

$$10\% \text{ of } 29000 = 2900$$

$$20\% \text{ of } 29000 = 5800$$

$$\begin{array}{r} 8, \\ 2\cancel{9}000 \\ - 5800 \\ \hline 23200 \end{array}$$

23,200

28. 65% x 3,600

$$\begin{array}{rcl} 50\% \text{ of } 3600 & = & 1800 \\ 10\% \text{ of } 3600 & = & 360 \\ 5\% \text{ of } 3600 & = & \underline{180} \\ & & 2340 \end{array}$$

2,340

29. 28% of 750

$$\begin{array}{rcl} 10\% \text{ of } 750 & = & 75 \\ * 20\% \text{ of } 750 & = & 150 \\ * 5\% \text{ of } 750 & = & 37.5 \\ 1\% \text{ of } 750 & = & 7.5 \\ * 3\% \text{ of } 750 & = & 22.5 \end{array}$$

$$150 + 37.5 + 22.5 =$$

210

30. 63% of 80

$$\begin{array}{rcl} (50\%) & 40 \\ (10\%) & 8 \\ (1\%) & 0.8 \\ (1\%) & 0.8 \\ (1\%) & \underline{0.8} \\ & 50.4 \end{array}$$

50.4