

Multiplication and division



Helpful Hint

To check an answer you can always try its **inverse operation**. The **inverse operation** for multiplication is division and the **inverse operation** for division is multiplication.

Example: $520 \div 8 = 65$

$$65 \times 8 = 520$$

Try checking your answers by doing the **inverse operation** for some of the questions on this page.

Ⓐ Answer these questions. You do not need to show your workings out.

1 $155 \times 4 =$ _____ [1]

2 $265 \div 5 =$ _____ [1]

3 $7^2 =$ _____ [1]

4 $156 \div 4 =$ _____ [1]

5 $234 \times 3 =$ _____ [1]

6 $6^3 =$ _____ [1]

7 $441 \div 7 =$ _____ [1]

8 $288 \div 9 =$ _____ [1]

9 $492 \times 4 =$ _____ [1]

10 $12^3 =$ _____ [1]

Word problems

© Solve these word problems and show your workings out.

- 1 Sundeep’s flute lessons cost £17 for half an hour.
How much did 22 hours of lessons cost?

 [1]

- 2 A pair of numbers multiplied together makes 1314.
If one of the numbers is 9, what is the other?

 [1]

- 3 If a bucket holds 3.5 litres and a cup holds 70ml, how many cups would be needed to fill the bucket?

 [1]

- 4 Kingfisher Junior School pupils are going on a trip to Conway.
The trip costs £34.50 for each child. 17 children are going.
How much did the trip cost in total?

 [1]

- 5 Rani buys 17 DVDs which cost £8.49 each.
How much is this altogether? Give your answer to the nearest £10.

 [1]

Unit 7 Multiplication and division

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|-----|-----|----|------|
| Ⓐ 1 | 620 | 6 | 216 |
| 2 | 53 | 7 | 63 |
| 3 | 49 | 8 | 32 |
| 4 | 39 | 9 | 1968 |
| 5 | 702 | 10 | 1728 |

- Ⓑ 1 30892
2 $568\frac{2}{3}$
3 47430
4 $892\frac{3}{5}$
5 30208
6 601
7 $432\frac{3}{7}$
8 17273
9 70556
10 $441\frac{2}{8}$ or $441\frac{1}{4}$
11 435116
12 2180

Word problems

- Ⓒ 1 £748
2 146
3 50 full cups
4 £586.50
5 £140 (£144.33)