

Work out the answers to these multiplications.

1 
$$\begin{array}{r} 7486 \\ \times 23 \\ \hline \end{array}$$

2 
$$\begin{array}{r} 6738 \\ \times 24 \\ \hline \end{array}$$

3 
$$\begin{array}{r} 4547 \\ \times 27 \\ \hline \end{array}$$

4 
$$\begin{array}{r} 6748 \\ \times 28 \\ \hline \end{array}$$



5 
$$\begin{array}{r} 6686 \\ \times 26 \\ \hline \end{array}$$

6 
$$\begin{array}{r} 4783 \\ \times 29 \\ \hline \end{array}$$

7 
$$\begin{array}{r} 5685 \\ \times 31 \\ \hline \end{array}$$

8 
$$\begin{array}{r} 5693 \\ \times 32 \\ \hline \end{array}$$

Solve these problems.

- 9 How many hours are there in 2647 days?
- 10 A factory makes boxes of chocolates. There are 32 chocolates in each box. How many chocolates are there in 3756 boxes?
- 11 Jasper uses a cycling app. It tells him that he has been on 1632 rides and that he rides, on average, 28 km each time. What is the total distance he has ridden?
- 12 Tom plays a skateboarding game on his games console. He scores 5423 points for each trick and does 37 tricks. How many points has he scored?



 I am confident with multiplying 4-digit numbers by 2-digit numbers.

Use the grid method to solve these multiplication problems.

- 1 It costs £356 for one person to fly to Spain. How much would it cost for 16 people?
- 2 Lucy paid £482 to fly to Morocco. How much would it have cost for 24 people?
- 3 Beth paid £598 to fly to South Africa. How much would it have cost for 17 people?
- 4 Urvi paid £177 to fly to Prague. How much would it have cost for 23 people?
- 5 Dinesh paid £386 to fly to India. How much would it have cost for 28 people?
- 6 Greg paid £773 to fly to China. How much would it have cost for 19 people?
- 7 Amanda paid £552 to fly to Dubai. How much would it have cost for 25 people?
- 8 Deepa paid £694 to fly to New York. How much would it have cost for 27 people?
- 9 Connor paid £1342 to fly to New Zealand. How much would it have cost for 16 people?
- 10 Theo paid £4421 for an 'around the world' ticket. How much would it have cost for 23 tickets?



15 people fly to Tenerife. They want to spend less than £9500. What is the most their flight can cost per person?

 I am confident with multiplying 3- and 4-digit money amounts by 2-digit numbers.