11 Times Table and Division Facts

1) Complete the calculations and stem sentences.

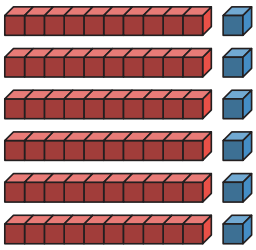
4 × 10 = _____ 4 × 1 = _____

4 lots of 10 cupcakes = _____

4 lots of 1 cupcake = _____

(4 × 10) + (4 × 1) = 4 × 11 = _____

2) Complete this table.

Base Ten	Multiplication
	_____ × _____ = _____
	2 × 11 =
	11 × 11 =

3) Solve these problems.

a) If there are 11 flowers in 1 bunch of flowers, how many flowers are there in 9 bunches of flowers?

b) 1 minibus holds 11 people. How many minibuses would you need to transport 132 people?

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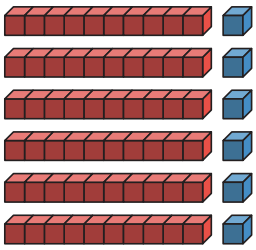	_____ × _____ = _____
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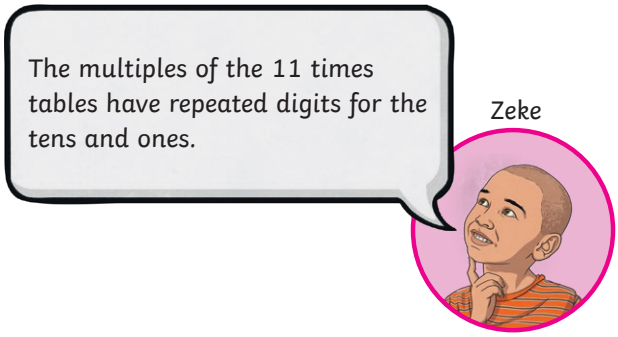
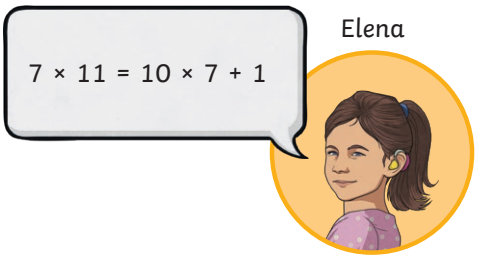
11 Times Table and Division Facts

1) Identify if this statement is always, sometimes or never true.

Prove it!



2) Explain Elena's mistake.

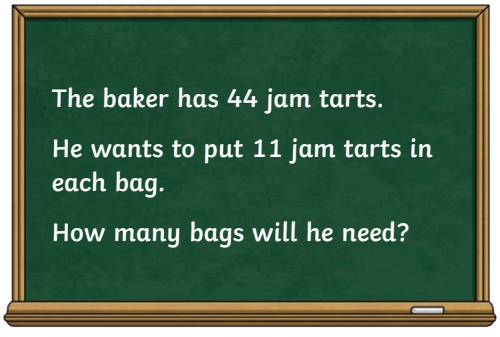


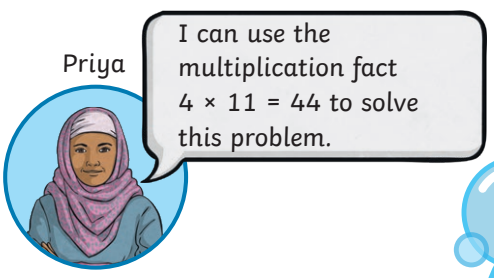
3) Which is the odd one out?

121	77	40	55

Explain your reasoning.

4) Do you agree or disagree with Priya?





Explain your reasoning.

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11 Times Table and Division Facts

1) Identify if this statement is always, sometimes or never true.

Prove it!

The multiples of the 11 times tables have repeated digits for the tens and ones.

Zeke

2) Explain Elena's mistake.

7 × 11 = 10 × 7 + 1

Elena

3) Which is the odd one out?

121	77	40	55

Explain your reasoning.

4) Do you agree or disagree with Priya?

The baker has 44 jam tarts.
He wants to put 11 jam tarts in each bag.
How many bags will he need?

Priya

I can use the multiplication fact 4 × 11 = 44 to solve this problem.

Explain your reasoning.

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11 Times Table and Division Facts

1) Bartek has eleven 10p coins and eleven 1p coins in his wallet.
How much money does he have altogether?

Show two different methods for solving this problem.

2) Some of the 11 times table facts have been represented using shapes.

Each shape represents a digit.

Use your knowledge of the 11 times table multiplication facts to solve this problem.

♥ = ___ ◆ = ___ ★ = ___ ▲ = ___

a) ◆★ × ◆◆ = ◆◆★

b) ◆ × ◆◆ = ◆◆

c) ◆▲ × ◆◆ = ◆♥▲

d) ◆◆ × ◆◆ = ◆▲◆

e) ▲ × ◆◆ = ▲▲

f) Use the key to write your own 11 times table fact for a friend to solve.

3) There are 11 bags of marbles. Each bag has 4 red marbles, 3 green marbles and 2 yellow marbles.
How many of each colour are there altogether?

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