DK

CAROL VORDERMAN
Maths Made Easy

10 Minutes A Day
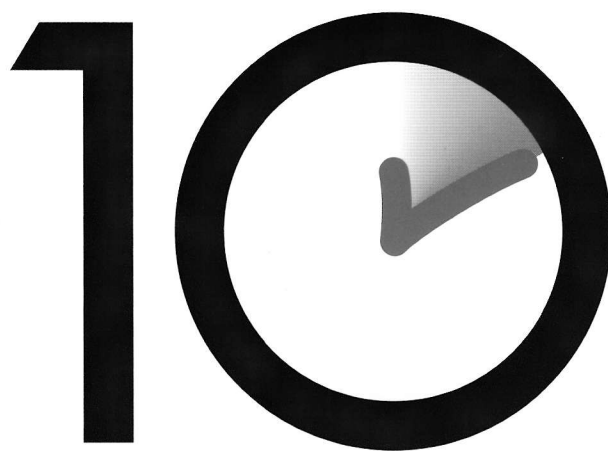
Times Tables

10-MINUTE TIMER

BOOST SKILLS
Take the timed challenges

Develop strong maths habits

SUPPORTS ALL
NEW Curriculum
REQUIREMENTS

Times Tables

9	x	9	=	81
7	x	8	=	56
5	x	11	=	55
6	x	7	=	42
4	x	9	=	36

Groups of 2

Do not get the blues.
March in 2s.

1 Anne has 2 baskets with 5 flowers in each basket.
How many flowers are there in total?
Fill in the numbers.

[ ] baskets x [ ] flowers = [ ] flowers

2 Complete each sequence:

2   4   6   [ ] [ ] [ ]   14   [ ] [ ] [ ]   22   [ ]

48   46   44   [ ] [ ] [ ] [ ] [ ] [ ]   26

54   56   58   [ ] [ ] [ ] [ ] [ ]   74   [ ]

3 Answer these questions:

Six multiplied by two is [ ]

Seven times two is [ ]

Nine groups of two are [ ]

4 A theatre ticket costs £24.50.
How much will 2 tickets cost?

[ ]

5 Work out these multiplication sums:

150	175	236	348	427	519
× 2	× 2	× 2	× 2	× 2	× 2

6 Divide each number by 2:

76 ☐   142 ☐   178 ☐

7 Work out these division sums:

☐   ☐   ☐   ☐   ☐
$2\overline{)126}$ $2\overline{)240}$ $2\overline{)352}$ $2\overline{)684}$ $2\overline{)792}$
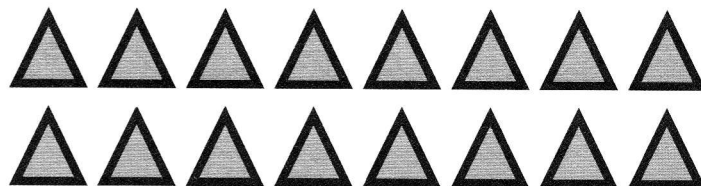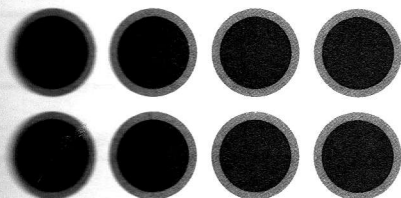
8 Fazir and Tira shared £7.80 equally between them.
How much money did each child receive?

☐

9 There were 284 bees in 2 hives. If there was an equal number in each hive,
how many bees were there in 1 hive?

☐ bees

10 How many shapes are there in each group?

☐   ☐

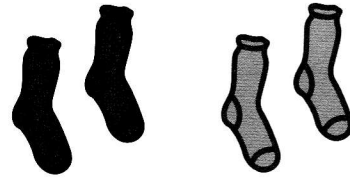**1** Double each number:

25 ☐   42 ☐   70 ☐   127 ☐

2 How many socks are there in 36 pairs?

☐ socks

3 In a day, a factory makes wheels for 350 bicycles.
How many wheels are made in 1 day?

☐ wheels

4 The table below shows some ingredients needed to make 12 biscuits.
Calculate how much of each you will need to make 24 biscuits.
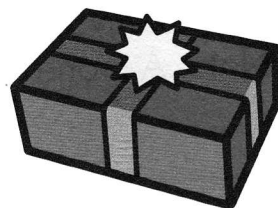**Hint:** Double each amount.

Ingredients	Quantity for 12 biscuits	Quantity for 24 biscuits
Flour	350 g (12 oz)	
Eggs	2	
Butter	225 g (8 oz)	
Caster sugar	175 g (6 oz)	
Dark chocolate	350 g (12 oz)	
Light brown sugar	175 g (6 oz)	

Groups of 10

Count up in 10s
Again and again.

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1 Tiya had 7 parcels. Each parcel weighed 10kg.
How much did the parcels weigh altogether?

---

2 Complete these sequences:

10   20   30   ☐ ☐ ☐ ☐ ☐ ☐ ☐

150   140   130   ☐ ☐ ☐ ☐ ☐ ☐ ☐

270   280   290   ☐ ☐ ☐ ☐ ☐ ☐ ☐

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3 Answer these questions:

Ten eights are   ☐

Ten times ten is   ☐

Nine multiplied by ten is   ☐

4 Zina saved 35 10-pence coins.
How much money did Zina
have altogether?

---

5 Work out these multiplication sums:

436	845	152	1 689	791	287
× 10	× 10	× 10	× 10	× 10	× 10

6 Divide each number by 10:

10 [ ]   40 [ ]   80 [ ]   120 [ ]   150 [ ]

---

7 Work out these division sums:

[ ]   [ ]   [ ]   [ ]   [ ]

10)420   10)367   10)780   10)842   10)990

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8 How many leaves are there in each group? **Hint:** Multiply the number of rows by the number of columns.

[ ]   [ ]
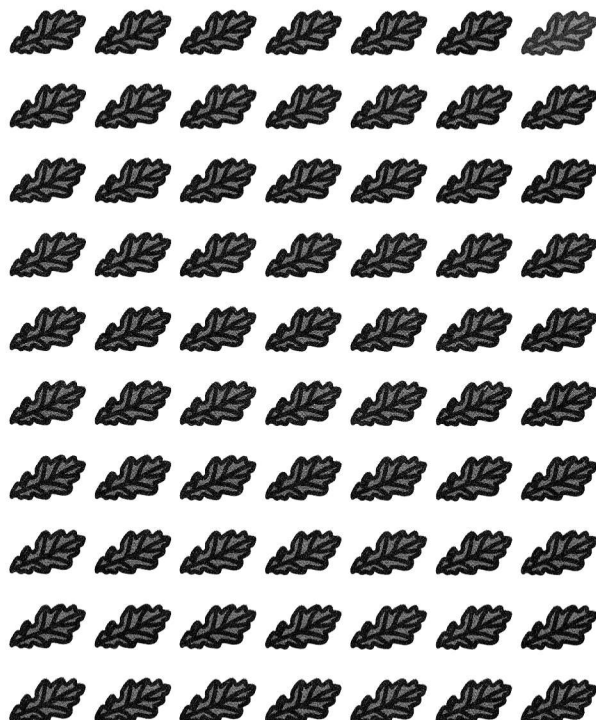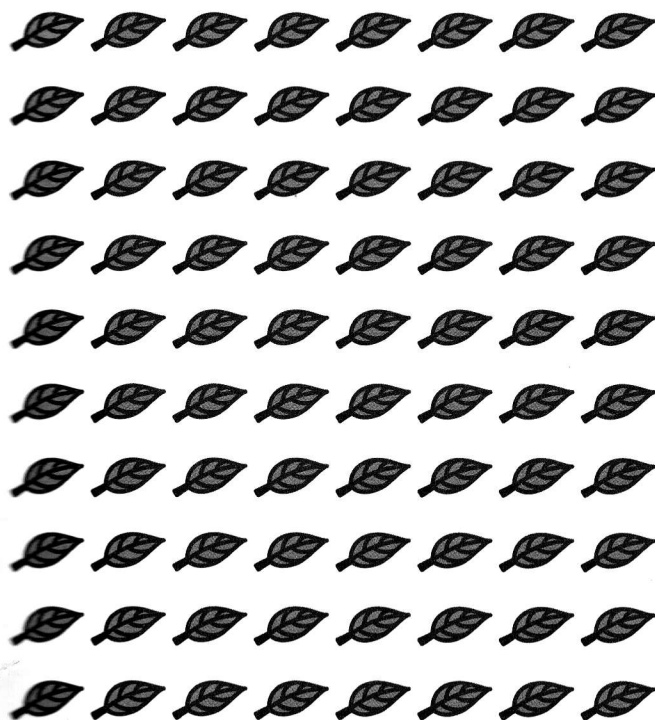
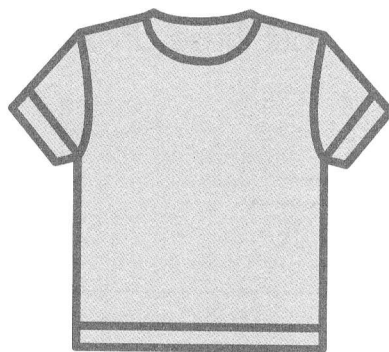# Multiplying by 100 and 1 000

Carefully count the zeros
To be a math superhero!

1 Multiply each number by 100:

4 [ ]   47 [ ]   470 [ ]   4 070 [ ]

2 A box contains 100 T-shirts. How many T-shirts are there in 64 boxes?

[ ] T-shirts

3 Multiply the number by 100 each time:

3 [ ] [ ] [ ]

82 [ ] [ ] [ ]

4 How many centimetres are there in 84 m? [ ]

5 Divide each number by 100:

42 000 [ ]   702 000 [ ]

804 200 [ ]   6 000 000 [ ]

6 Multiply each number by 1 000:

7 [ ]   82 [ ]   146 [ ]   150 [ ]

---

7 How many grams are there in 7.2 kg?

[ ]

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8 How many pence are there in £35?

[ ]

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9 A plane flies at a height of 10 668 m.
What is this height in kilometres?

[ ]

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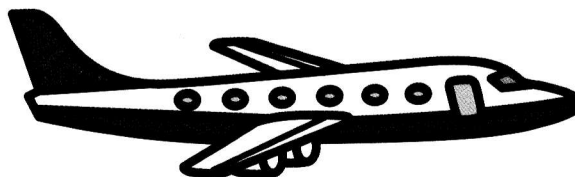
10 A colony of army ants has 700 000 ants. As the ants cross a
river, 20% of the colony dies. How many ants make it across?

[ ] ants

12

Groups of 3

Count in groups of 3.
It is as easy as can be.

1 A jar holds 8 biscuits. How many biscuits are there in 3 jars?

☐ biscuits

2 Complete each sequence:

0   3   6   ☐ ☐ ☐ ☐ ☐ ☐ ☐

36   33   30   ☐ ☐ ☐ ☐ ☐ ☐ ☐

36   39   42   ☐ ☐ ☐ ☐ ☐ ☐ ☐

3 Answer these questions:

Three fives are ☐

Three multiplied by seven is ☐

Three times nine is ☐

4 Neo bought 6 oranges at 30p each. What was the total cost of the 6 oranges?
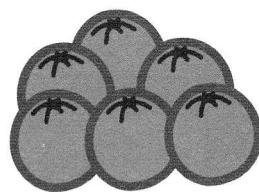
☐

5 Work out these multiplication sums:

16	33	55	79	145	229
× 3	× 3	× 3	× 3	× 3	× 3

6 Divide each number by 3:

6 ☐   15 ☐   24 ☐   36 ☐   45 ☐

---

7 How long will it take Anita to save 42 p
if she saves 3 p every week?

☐ weeks

---

8 Work out these division sums:

☐   ☐   ☐   ☐   ☐

3⟌60   3⟌90   3⟌72   3⟌99   3⟌183

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9 Pablo was paid £3 for each car that he washed.
He earned £39 in one week. How many cars
did Pablo wash that week?

☐ cars

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10 How many shapes are there in each group?

☐   ☐

14
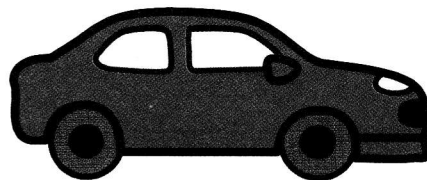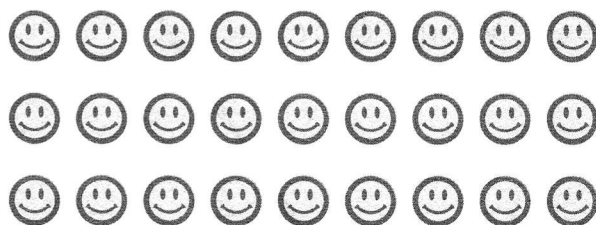
Triple fun

Triple the fun!
Multiply x3 to get these done.

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1 How many wheels are there on 15 tricycles?

[ ] wheels

2 How many sides do 55 triangles have?

[ ] sides

---

3 About 170 triplets are born in the United Kingdom each year. How many babies is this?

[ ] babies

---

4 Thirty-nine trimarans race in a competition. How many hulls are there altogether? **Note:** A trimaran is a boat with 3 hulls.

[ ] hulls

5 Fifty-four children are split into groups of 3. How many groups of children are there?

[ ] groups

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6 A magnifying glass makes bugs look triple their size. Below are the original sizes of the bugs. What size is each of the bugs when it is magnified?

Worm: 6.5 cm   [ ]
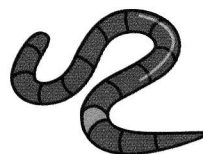
Centipede: 5.25 cm   [ ]

Ladybird: 1.75 cm   [ ]
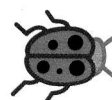
7 Packets of biscuits are sold in boxes of 3 packets. This chart
shows how many boxes are sold from a store in a week.
Calculate the number of packets sold that week.   = 3 packets

Day	Number of boxes	Total
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

8 Leaving no spaces,
fit 9 small triangles
(of equal size) inside the
large equilateral triangle.
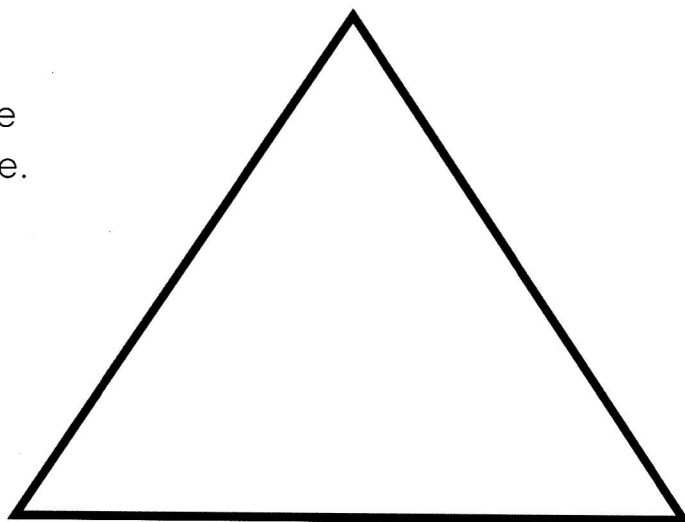
Groups of 4

Are you ready for more?
Here is counting in sets of 4.
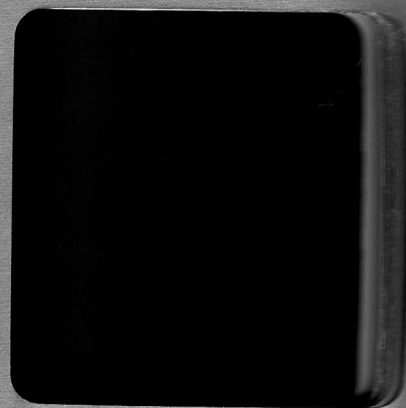
1. Share 28 sweets equally among 4 children.
   How many sweets will each child get?

   [＿＿＿] sweets

2. Complete each sequence:

0	4	8							

48	44	40							

52	56	60							

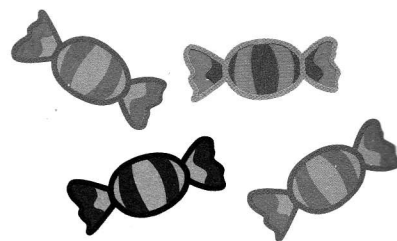3. Answer these questions:

   Nine times four is [＿＿]

   Seven groups of four are [＿＿]

   Four fives are [＿＿]

4. Dad took Devan, Jesse, and Owen to the fair. The roller coaster ride cost £1.50 for each person. How much did Dad have to pay for all of them to go on the ride?

   [＿＿＿]

5. Work out these multiplication sums:

23	17	25	115	200	214
× 4	× 4	× 4	× 4	× 4	× 4

6 Divide each number by 4:

0 ☐   4 ☐   16 ☐   36 ☐   48 ☐

7 Jeff buys a pack of 4 pencils. The pack costs £1.68.
How much does 1 pencil cost?

☐

8 Work out these division sums:

☐   ☐   ☐   ☐   ☐

4)56   4)96   4)100   4)128   4)284

9 A box contains 24 chocolates. They are laid out in 4 equal rows.
How many chocolates are there in each row?

☐ chocolates

10 How many shapes are there in each group?

☐   ☐
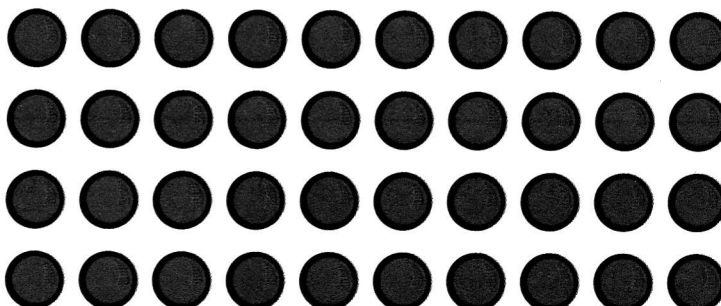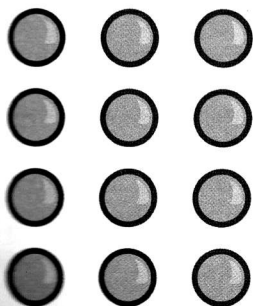
Shapes

Count the angles and the sides,
Then read the question and multiply.

1 How many sides do these shapes have in total?

2 How many triangles have 27 angles in total?
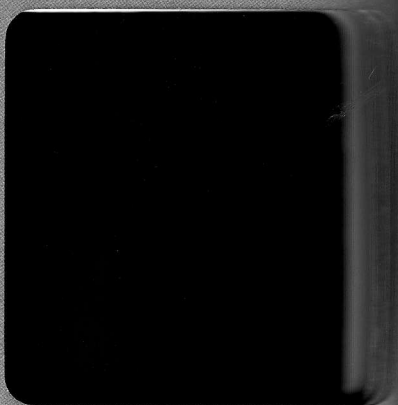
_____ triangles

3 The inside angles of an equilateral triangle add up to 180°.
What is the value of each angle?

4 Each side of a regular hexagon is 7 cm. What is the perimeter of the hexagon?

5 What is the area of a rectangle with a length of 11 cm and a breadth of 4 cm?

6 Each angle of a square is 90°. What is the total of the 4 angles?

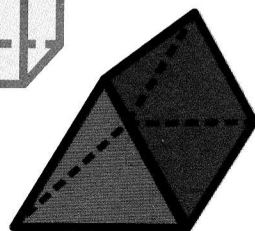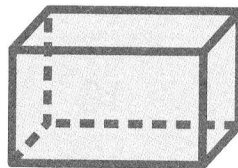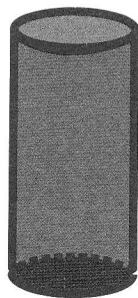**7** A cuboid has 8 vertices. How many cuboids will have a total of 80 vertices?

[_____] cuboids

8 How many faces do these shapes have?

7 triangular prisms [ ]

9 cuboids [ ]
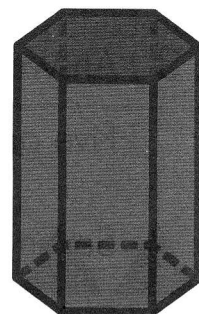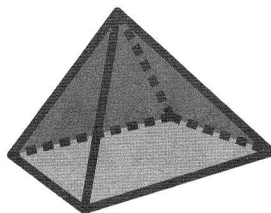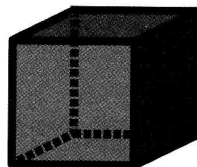
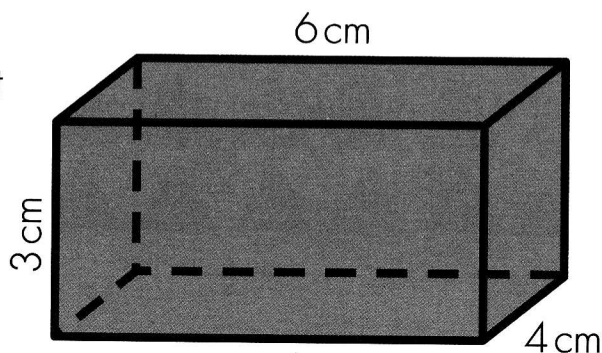12 cylinders [ ]

9 How many edges do these shapes have?

7 cubes [ ]

4 square-based pyramids [ ]

3 hexagonal prisms [ ]

10 What is the volume of this cuboid?
Hint: Volume = length x breadth x height

[_____]

6 cm

3 cm

4 cm

Groups of 5

Are you ready to dive
Into counting in 5s?

1 A pack of greeting cards contains 5 cards.
How many cards are there in 3 packs?

.... cards

2 Complete each sequence:

0   5   10   ☐ ☐ ☐ ☐ ☐ ☐ ☐

60   55   50   ☐ ☐ ☐ ☐ ☐ ☐ ☐

75   80   85   ☐ ☐ ☐ ☐ ☐ ☐ ☐

3 Answer these questions:

Five groups of six are   ☐

Seven multiplied by five is   ☐

Eleven times five is   ☐

4 David saved 24 5-pence coins.
How much money did
David save?

5 Work out these multiplication sums:

18	20	49	56	130	222
x 5	x 5	x 5	x 5	x 5	x 5

6 Divide each number by 5:

10 ☐   25 ☐   30 ☐   50 ☐   85 ☐

7 Five children are given £1.95 to share equally among them. How much money will each child receive?   ☐

8 Work out these division sums:

☐   ☐   ☐   ☐   ☐
5⟌65   5⟌80   5⟌125   5⟌175   5⟌250

9 There are 270 children in a school. There are 5 years, and each year has an equal number of children. How many children are there in Year 4?   ☐ children

10 How many shapes are there in each group?

☐   ☐