RECALL

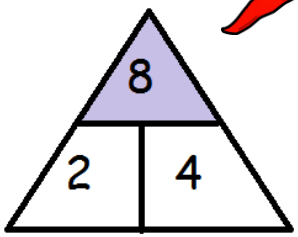
Write the x and ÷ calculations for the number triangles.

2 x 4 = ___

___ x 2 = 8

8 ÷ ___ = 2

___ ÷ 2 = 4

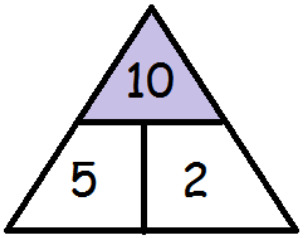


2 x 5 = ___

___ x 2 = 10

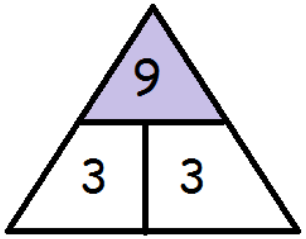
10 ÷ ___ = 2

___ ÷ 2 = 5



3 x ___ = 9

9 ÷ ___ = 3

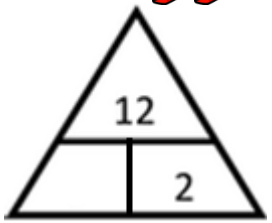


2 x ___ = ___

___ x 2 = ___

12 ÷ ___ = ___

___ ÷ 2 = ___

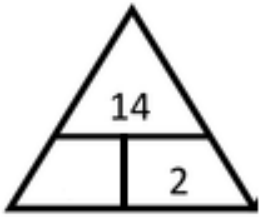


2 x ___ = ___

___ x 2 = ___

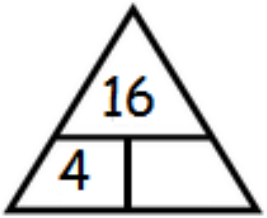
14 ÷ ___ = ___

___ ÷ 2 = ___



4 x ___ = ___

___ ÷ ___ = 4

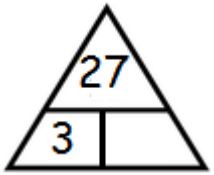


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

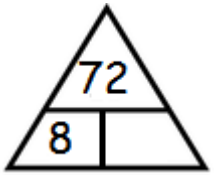


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___



Can you create your own? Challenge yourself by picking times tables you find tricky.

RECALL

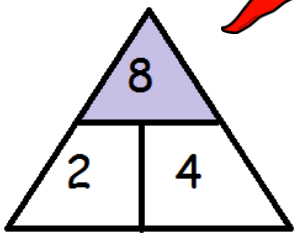
Write the x and ÷ calculations for the number triangles.

2 x 4 = 8

4 x 2 = 8

8 ÷ 4 = 2

8 ÷ 2 = 4

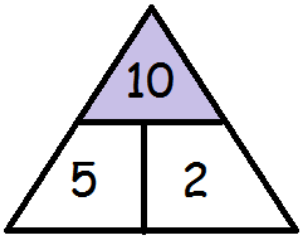


2 x 5 = 10

5 x 2 = 10

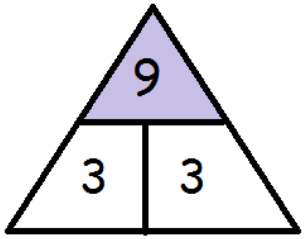
10 ÷ 5 = 2

10 ÷ 2 = 5



3 x 3 = 9

9 ÷ 3 = 3

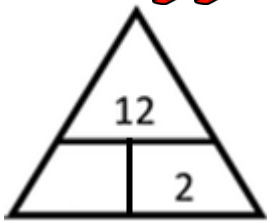


2 x 6 = 12

6 x 2 = 12

12 ÷ 6 = 2

12 ÷ 2 = 6

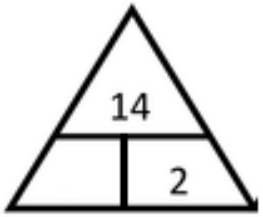


2 x 7 = 14

7 x 2 = 14

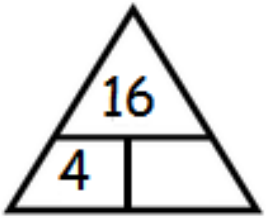
14 ÷ 7 = 2

14 ÷ 2 = 7



4 x 4 = 16

16 ÷ 4 = 4

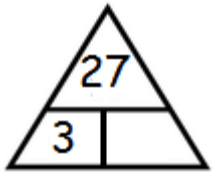


3 x 9 = 27

9 x 3 = 27

27 ÷ 3 = 9

27 ÷ 9 = 3

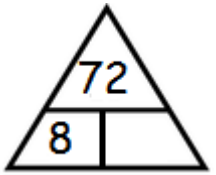


8 x 9 = 72

9 x 8 = 72

72 ÷ 8 = 9

72 ÷ 9 = 8



Can you create your own? Challenge yourself by picking times tables you find tricky.

LO: I CAN USE RELATED NUMBER FACTS TO SOLVE PROBLEMS

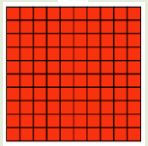
Page

INTELLIGENT PRACTICE

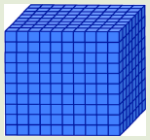
Use the first sum to solve the others.

7 x 1 = ☐

7 x 10 = ☐



7 x 100 = ☐



7 x 1000 = ☐

2 x 4 = ☐

2 x 40 = ☐

2 x 400 = ☐

2 x 4000 = ☐

4 x 3 = ☐

4 x 30 = ☐

4 x 300 = ☐

4 x 3000 = ☐

3 x 6 = ☐

3 x 60 = ☐

3 x 600 = ☐

3 x 6000 = ☐

8 x ☐ = 24

8 x ☐ = 240

8 x 300 = ☐

8 x ☐ = ☐

7 x 10 is ten times bigger than 7 x 1.
7 x 100 is one hundred times bigger than 7 x 1.
7 x 1000 is one thousand times bigger than 7 x 1.

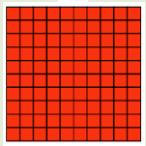
Use this to write/explain the relationship between numbers in chilli 1, 2 and 3.

ANSWERS

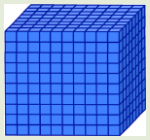
Use the first sum to solve the others.

7 x 1 = 7

7 x 10 = 70



7 x 100 = 700



7 x 1000 = 7000

2 x 4 = 8

2 x 40 = 80

2 x 400 = 800

2 x 4000 = 8000

4 x 3 = 12

4 x 30 = 120

4 x 300 = 1200

4 x 3000 = 12000

3 x 6 = 18

3 x 60 = 180

3 x 600 = 1800

3 x 6000 = 18000

8 x 3 = 24

8 x 30 = 240

8 x 300 = 2400

8 x 3000 = 24000

7 x 10 is ten times bigger than 7 x 1.
7 x 100 is one hundred times bigger than 7 x 1.
7 x 1000 is one thousand times bigger than 7 x 1.

Use this to write/explain the relationship between numbers in chilli 1, 2 and 3.

DIVE DEEPER 1

1

Six children sit on a table. Each child needs two pencils. How many pencils do I need?

6 x 2 = ☐

There are sixty children in year 3. Each child needs two pencils. How many pencils do I need?

60 x 2 = ☐

In a school, there are 600 children. Each child needs two pencils. How many do they get each?

☐ x ☐ = ☐

2

I buy one packet of biscuits with 9 Jammy Dodgers inside. I share them between three people. How many do they get each?

9 ÷ 3 = ☐

Next, I buy 10 packets with 9 inside.

10 x ☐ = ☐

I then share all those biscuits between three people. How many do they get each?

☐ ÷ 3 = ☐

3

20 ÷ 5 equals 4.
200 ÷ 5 equals ____

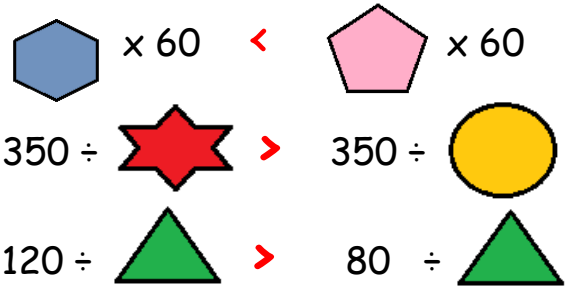
4

Write the answers then compare using < > or =.

90 ÷ 3	◯	4 x 12
6 x 40	◯	21 ÷ 7
21 ÷ 3	◯	3 x 80
120 ÷ 3	◯	36 ÷ 4

5

Look at these calculations.



4 5 6 7 8

Match the correct number to each shape.
Explain how you worked it out.

DIVE DEEPER ANSWERS

1

Six children sit on a table. Each child needs two pencils. How many pencils do I need?

6 x 2 = 12

There are sixty children in year 3. Each child needs two pencils. How many pencils do I need?

60 x 3 = 120

In a school, there are 600 children. Each child needs two pencils. How many do they get each?

600 x 2 = 1200

2

I buy one packet of biscuits with 9 Jammy Dodgers inside. I share them between three people. How many do they get each?

9 ÷ 3 = 3

Next, I buy 10 packets with 9 inside.

10 x 9 = 90

I then share all those biscuits between three people. How many do they get each?

90 ÷ 3 = 30

3

20 ÷ 5 equals 4.
200 ÷ 5 equals 40

4

Write the answers then compare using < > or =.

90 ÷ 3 = 30	<	4 x 12 = 48
6 x 40 = 240	>	21 ÷ 7 = 3
21 ÷ 3 = 7	<	3 x 80 = 240
120 ÷ 3 = 40	>	36 ÷ 4 = 9

5

Look at these calculations.

6 x 60 < 8 x 60

350 ÷ > 350 ÷ 7

120 ÷ 4 > 80 ÷ 4

DIVE DEEPER 2

1

There are **six** bones and **3** dogs. I share out the bones. How many bones does each dog get?

If there were **60** bones and **3** dogs. How many bones would each dog have now?

If each dog now has **200 bones**, how many bones did you start out with?

2

There are **30** children in a PE lesson. They are put into **6** teams. How many children are in each group?

Choose **one** of the methods below to show your reasoning?

	Bar model
Partitioning	Inverse
Number line	counter/drawings

3

80 ÷ 4 equals _____
120 ÷ 6 equals _____

4

28 stars ÷ 2 =	270 ÷ 3 =
27 ants ÷ 3 =	240 ÷ 3 =
90 ÷ 3 =	180 ÷ 2 = 90 x 2

5

Mrs Turner is collecting reading numbers from **3** classes. There are **27** children in each class. Her answer is **6021**. What mistake has she made?
Work out the correct answer. Can you show the answer using division?

? = 3 X 27

____ ÷ 3 = _____

DIVE DEEPER 2

1

There are **six** bones and **3** dogs. I share out the bones. How many bones does each dog get? **2 bones**

If there were **60** bones and **3** dogs. How many bones would each dog have now? **20 bones**

If you had **600** bones and **3** dogs, how many bones would each dog now have? **200 bones**...greedy dogs!

2

There are **30** children in a PE lesson. They are put into **6** teams. How many children are in each group? **6**

Use **one** of the methods below to show your reasoning?

	Bar model
Partitioning	Inverse
Number line	counter/drawings

3

80 ÷ 4 equals _____
120 ÷ 6 equals _____

4

28 ÷ 2 = 14	270 ÷ 3 = 90
27 ÷ 3 = 9	240 ÷ 3 = 80
90 ÷ 3 = 30	180 ÷ 2 = 90 x 2 T

5

Possible response: She has then put the 60 and 21 together to make 6021, rather than adding 21 and 60 to get the answer 81