11.5.2020

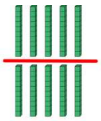
L.O: To solve multiplication and division calculations using known facts.

Choose **1 set** (easier, medium or trickier) from **each page** to complete.

Multiplication

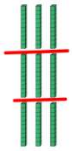
Easier:

I know that 2 × 5 = _10_



So I also know that 2 × 50 = ___

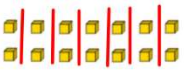
I know that 3 × 3 = ___



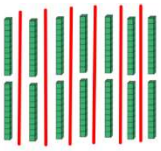
So I also know that 3 × 30 = ___

I know that 3 × __ = ___

So I also know that 3 × 60 = ___



I know that __ × __ = ___



So I also know that 7 × 20 = ___

Medium:

I know that 4 × 4 = ___
So I also know that 4 × 40 = ___

I know that 8 × 3 = ___
So I also know that 80 × 3 = ____

I know that 7 × 10 = ___
So I also know that 70 × 10 = ___

I know that ___ × ___ = ___
So I also know that 5 × 40 = ___

I know that ___ × ___ = ___
So I also know that 5 × 60 = ____

Rule:

If the question is ___ times bigger,
the answer will be ___ times bigger.

Trickier:

I know that 7 × 4 = ___
So I also know that 70 × 4 = ___

I know that ___ × ___ = ___
So I also know that 90 × 4 = ___

I know that __ × __ = ___
So I also know that 3 × 40 = ____

I know that __ × __ = ___
So I also know that 80 × 7 = ___

Rule:

If the question is ___ times bigger,
the answer will be ___ times bigger.

Challenge

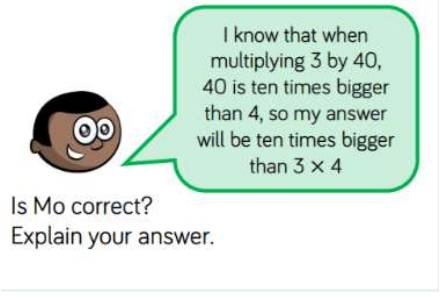
Can you apply your known facts knowledge to this question?

I know that ___ × ___ = ___
So I also know that 400 × 6 = ____

What is the rule this time?

If the question is ___ times bigger,
the answer will be ___ times bigger.

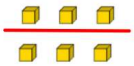
Apply:



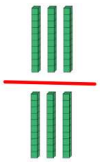
Hint: Have we learnt a rule to help us?

Division

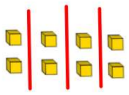
Easier:



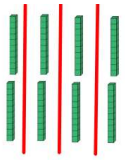
I know that 6 ÷ 2 = _3_



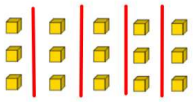
So I also know that 60 ÷ 2 = ___



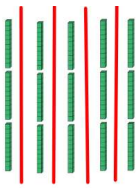
I know that 8 ÷ 4 = ___



So I also know that 80 ÷ 4 = ___



I know that 15 ÷ 5 = ___



So I also know that 150 ÷ 5 = ___

I know that 18 ÷ 3 = ___

So I also know that 180 ÷ 3 = ___

Medium:

I know that 35 ÷ 5 = _7_
So I also know that 350 ÷ 5 = ___

I know that 27 ÷ 3= ___
So I also know that 270 ÷ 3 = ___

I know that 48 ÷ 4 = ___
So I also know that 480 ÷ 4 = ___

I know that ___ ÷ ___ = ___
So I also know that 220 ÷ 2 = ___

I know that ___ ÷ ___ = ___
So I also know that 560 ÷ 8 = ____

Rule:

If the question is ___ times bigger, the answer will be ___ times bigger.

Trickier:

I know that 21 ÷ 3 = ___
So I also know that 210 ÷ 3 = ___

I know that ___ ÷ ___ = ___
So I also know that 600 ÷ 5 = ___

I know that __ ÷ __ = ____
So I also know that 360 ÷ 4 = ___

I know that __ ÷ __ = ____
So I also know that 640 ÷ 8 = ____

Rule:

If the question is ___ times bigger, the answer will be ___ times bigger.

Challenge

If I know that 36 ÷ 3 = 12, what else do I know?

How many possibilities can you think of?

Teacher Book:

11.5.2020

L.O: To solve multiplication and division calculations using known facts.

Choose 1 set (easier, medium or trickier) from each page to complete.

Multiplication

Easier:

I know that 2 x 5 = 10

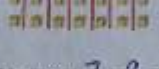
So I also know that 2 x 50 = 100

I know that 3 x 3 = 9

So I also know that 3 x 30 = 90

I know that 3 x 6 = 18

So I also know that 3 x 60 = 180



I know that 7 x 2 = 14

So I also know that 7 x 20 = 140

Medium:

I know that 4 x 4 = 16
So I also know that 4 x 40 = 160

I know that 8 x 3 = 24
So I also know that 80 x 3 = 240

I know that 7 x 10 = 70
So I also know that 70 x 10 = 700

I know that 5 x 4 = 20
So I also know that 5 x 40 = 200

I know that 5 x 6 = 30
So I also know that 5 x 60 = 300

Rule:

If the question is 10 times bigger, the answer will be 10 times bigger.

Trickier:

I know that 7 x 4 = 28
So I also know that 70 x 4 = 280

I know that 3 x 4 = 12
So I also know that 3 x 40 = 120

I know that 9 x 4 = 36
So I also know that 90 x 4 = 360

I know that 8 x 7 = 56
So I also know that 80 x 7 = 560

Rule:

If the question is 10 times bigger, the answer will be 10 times bigger.

Challenge

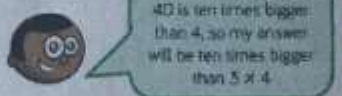
Can you apply your known facts knowledge to this question?

I know that 4 x 6 = 24
So I also know that 400 x 6 = 2400

What is the rule this time?

If the question is 100 times bigger, the answer will be 100 times bigger.

Apply:



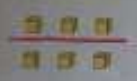
Is Mo correct?
Explain your answer.

Hint: Have we learnt a rule to help us?

Mo is correct because I know that 3x4 = 12, So if he has 3x40 then his answer will be ten times bigger because 4 has become ten times bigger.

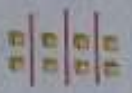
Division

Easier:



I know that 6 ÷ 2 = 3

So I also know that 60 ÷ 2 = 30



I know that 8 ÷ 4 = 2

So I also know that 80 ÷ 4 = 20

I know that 15 ÷ 5 = 3

So I also know that 150 ÷ 5 = 30

I know that 18 ÷ 3 = 6

So I also know that 180 ÷ 3 = 60

Medium:

I know that 35 ÷ 5 = 7
So I also know that 350 ÷ 5 = 70

I know that 27 ÷ 3 = 9
So I also know that 270 ÷ 3 = 90

I know that 48 ÷ 4 = 12
So I also know that 480 ÷ 4 = 120

I know that 22 ÷ 2 = 11
So I also know that 220 ÷ 2 = 110

I know that 56 ÷ 8 = 7
So I also know that 560 ÷ 8 = 70

Rule:

If the question is 10 times bigger, the answer will be 10 times bigger.

Trickier:

I know that 21 ÷ 3 = 7
So I also know that 210 ÷ 3 = 70

I know that 60 ÷ 5 = 12
So I also know that 600 ÷ 5 = 120

I know that 36 ÷ 4 = 9
So I also know that 360 ÷ 4 = 90

I know that 64 ÷ 8 = 8
So I also know that 640 ÷ 8 = 90

Rule:

If the question is 10 times bigger, the answer will be 10 times bigger.

Challenge

If I know that 36 ÷ 3 = 12, what else do I know?

How many possibilities can you think of?

360 ÷ 3 = 120
3600 ÷ 3 = 1200
12 x 3 = 36
3 x 12 = 36
120 x 3 = 360
3 x 120 = 360
1200 x 3 = 3600
3 x 1200 = 3600