

18.5.2020

L.O: To apply known facts to complete multiplication and division calculations.

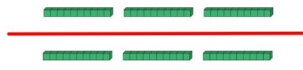
Choose **1 set** (easier, medium or trickier) from **each page** to complete. There is an optional apply question to complete at the end.

Warm up

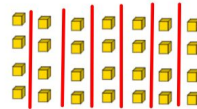
Easier:



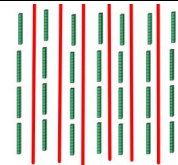
I know that $2 \times 3 = 6$



So I also know that $2 \times 30 =$ ____



I know that ____ $\times 4 =$ ____



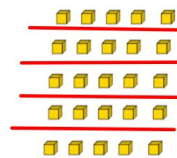
So I also know that ____ $\times 40 =$ ____



I know that $10 \div 2 = 5$



So I also know that $100 \div 2 =$ ____



I know that $25 \div 5 =$ ____



So I also know that $250 \div 5 =$ ____

Medium:

I know that $9 \times 3 =$ ____

I know that ____ \times ____ = ____

So I also know that $90 \times 3 =$ ____

So I also know that $6 \times 40 =$ ____

I know that $24 \div 3 =$ ____

I know that ____ \div ____ = ____

So I also know that $240 \div 3 =$ ____

So I also know that $320 \div 8 =$ ____

Trickier:

I know that ____ \times ____ = ____

I know that ____ \times ____ = ____

So I also know that $3 \times 80 =$ ____

So I also know that $40 \times 12 =$ ____

I know that ____ \div ____ = ____

I know that ____ \div ____ = ____

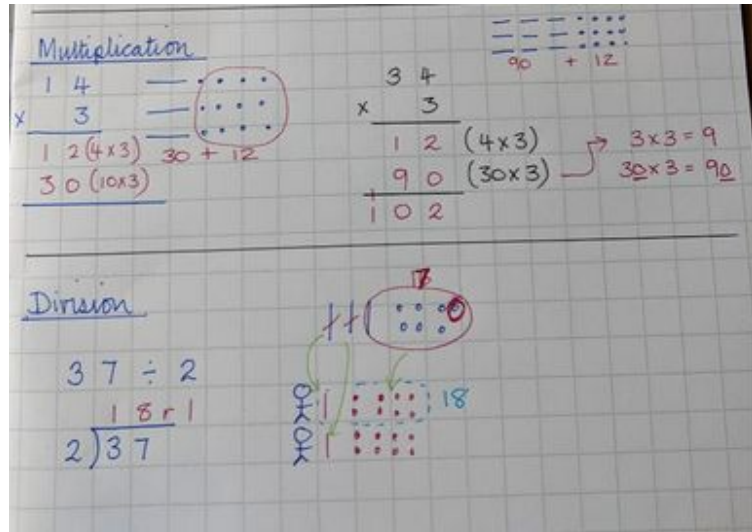
So I also know that $280 \div 4 =$ ____

So I also know that $560 \div 8 =$ ____

Rule:

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

WAGOLL



Application to multiplication and division questions:

Easier:

12×5

15×3

$48 \div 4$

$18 \div 3$

Medium:

24×4

32×5

18×8

$85 \div 5$

$58 \div 3$

$45 \div 4$

Trickier:

26×5

32×4

43×8

$94 \div 8$

$86 \div 4$

$130 \div 3$

Apply :

Teddy has completed this calculation.

Can you spot and explain his mistake?

	T	O
	4	3
x		2
8	0	6

These words might help in your explanation:

tens multiply hundreds answer

Teacher Book:

18.5.2020

L.O: To apply known facts to complete multiplication and division calculations.

Choose **1 set** (easier, medium or trickier) from **each page** to complete. There is an optional apply question to complete at the end.

Warm up

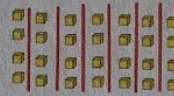
Easier:



I know that $2 \times 3 = 6$



So I also know that $2 \times 30 = 60$



I know that $7 \times 4 = 28$



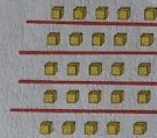
So I also know that $7 \times 40 = 280$



I know that $10 \div 2 = 5$



So I also know that $100 \div 2 = 50$



I know that $25 \div 5 = 5$



So I also know that $250 \div 5 = 50$

Medium:

I know that $9 \times 3 = 27$

So I also know that $90 \times 3 = 270$

I know that $6 \times 4 = 24$

So I also know that $6 \times 40 = 240$

I know that $24 \div 3 = 8$

So I also know that $240 \div 3 = 80$

I know that $32 \div 8 = 4$

So I also know that $320 \div 8 = 40$

Trickier:

I know that $3 \times 8 = 24$

So I also know that $3 \times 80 = 240$

I know that $4 \times 12 = 48$

So I also know that $40 \times 12 = 480$

I know that $28 \div 4 = 7$

So I also know that $280 \div 4 = 70$

I know that $56 \div 8 = 7$

So I also know that $560 \div 8 = 70$

Rule:

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

Application to multiplication and division questions:

Easier:

$12 \times 5 = 60$

$15 \times 3 = 45$

$48 \div 4 = 12$

$18 \div 3 = 6$

Medium:

$24 \times 4 = 96$

$32 \times 5 = 160$

$18 \times 8 = 144$

$85 \div 5 = 17$

$58 \div 3 = 19 \text{ r}1$

$45 \div 4 = 11 \text{ r}1$

Trickier:

$26 \times 5 = 130$

$32 \times 4 = 128$

$43 \times 8 = 344$

$94 \div 8 = 11 \text{ r}6$

$86 \div 4 = 21 \text{ r}2$

$130 \div 3 = 43 \text{ r}1$

Apply :

Teddy has completed this calculation.

Can you spot and explain his mistake?

	T	O
	4	3
\times		2
8	0	6

These words might help in your explanation:

tens multiply hundreds answer

Teddy has written 80 where he should have just put an 8 because he is multiplying 4 tens by 2 which is 8 tens. The answer should be 86

