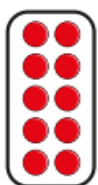


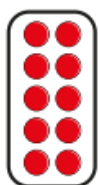
Multiply three numbers

1 Tommy is making arrays using counters.

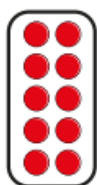
a) Complete the multiplications.



$2 \times 5 = \square$



$2 \times 5 = \square$



$2 \times 5 = \square$

b) Use your answer to part a) to complete the multiplication.

$3 \times 2 \times 5 = 3 \times \square = \square$

2 Use counters or cubes to complete the multiplications.

a) $2 \times 4 \times 5 = \square$

b) $3 \times 5 \times 4 = \square$

c) $2 \times 5 \times 8 = \square$

Is there a quick way to complete each multiplication?

Talk about it with a partner.



3 Complete the multiplications.

a) $3 \times 4 \times 5 = \square$

d) $3 \times 5 \times 4 = \square$

b) $2 \times 3 \times 8 = \square$

e) $3 \times 6 \times 10 = \square$

c) $2 \times 4 \times 7 = \square$

f) $2 \times 5 \times 12 = \square$

4 Is each statement true or false?

Tick your answers.

	True	False
$7 \times 8 = 7 \times 4 \times 2$	<input type="checkbox"/>	<input type="checkbox"/>
$12 \times 4 = 2 \times 4 \times 6$	<input type="checkbox"/>	<input type="checkbox"/>
$3 \times 2 \times 8 = 5 \times 8$	<input type="checkbox"/>	<input type="checkbox"/>
$2 \times 7 \times 4 = 4 \times 7 \times 2$	<input type="checkbox"/>	<input type="checkbox"/>

Compare answers with a partner.

5 Here are some digit cards.



a) Use the digit cards to create a multiplication and work out the answer.

$\square \times \square \times \square = \square$

b) How many different multiplications can you create?

What do you notice about all of your answers?

