14.01.21

I can use grid multiplication to solve word problems.

EMA

1. 122 – 10 =
2. 260 – 20 =
3. 403 – 30 =
4. 599 – 40 =
4. 609 – 50 =
5. 713 – 60 =
6. 887 – 70 =
7. 999 – 80 =

EMA - answers

1. 122 – 10 = 112
2. 260 – 20 = 240
3. 403 – 30 = 373
4. 599 – 40 = 559
4. 609 – 50 = 559
5. 713 – 60 = 653
6. 887 – 70 = 817
7. 800 – 90 = 710

Recap

Using the grid multiplication method, what is 57 x 5?

57 x 5 = _____

Recap

Using the grid multiplication method, what is 57 x 5?

57 x 5 = _____

X	50	7
5	250	35

250
+ 35

285

Today...

* Arrays

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can solve multiplication problems using arrays. **(Mastery)**

There are 8 biscuits in a packet. Jane buys 4 packets for her party. How many biscuits does she have?

2) There are 4 fireworks in a box. Sam has 7 boxes. How many fireworks does he

altogether?

1. There are 12 biscuits in a packet. Jane buys 7 packets for her party. How many does she have? _____

2. There are 16 fireworks in a box. Sam has 5 boxes. How many fireworks does he have altogether? _____

3. The teacher needs each table to have 14 pens. There are 5 tables. How many pens will she need? _____

4. Ben wants to buy 9 lollies for each of his 11 classmates. How many lollies will he need to buy? _____

5. Lucy has 15 CDs in each rack. She has 3 racks. How

altogether? _____

6. Jay's class are collecting shoes to send to charity. His class collected 12 pairs of shoes. How many individual shoes were collected altogether? _____

7. It takes Laura 18 minutes to walk to her school each day. She walked to school every day for 5 days. How many minutes did Laura spend walking to school in one week? _____

1. There are 12 biscuits in a packet. Jane buys 4 packets for her pa

does she have? _____

2. There are 16 fireworks in a box. Sam has 5 boxes. How many fireworks does he have altogether? _____

3. The teacher needs each table to have eight pencils and five pens. There are 5 tables. How many pencils and pens will she need? _____

4. Ben wants to buy 2 lollies for each of his 49 classmates. How many lollies will he need to buy? _____

5. Lucy has 36 CDs in each rack. She has 3 racks. How many CDs has she altogether? _____

6. Jay's class are collecting shoes to send to charity. His class collected 26 pairs of shoes. How many individual shoes were collected altogether? _____

1. There are 32 biscuits in a packet. Jane buys 4 packets for her party. How many does she have? _____

2. There are 16 fireworks in a box. Sam has 7 boxes. How many fireworks does he have altogether? _____

3. The teacher needs each table to have eight pencils and 20 pens. There are 5 tables. How many pencils and pens will she need? _____

4. Ben wants to buy 4 lollies for each of his 29 classmates. How many lollies will he need to buy? _____

5. Lucy has 36 CDs in each rack. She has 3 racks. How many CDs ha

altogether? _____

6. Jay's class are collecting shoes to send to charity. His class collected 49 pairs of shoes. How many individual shoes were collected altogether? _____

All the worksheets are on the Y3 online learning page.

You can use RUCSAC to help you with word problems.

Read

Read the question.
What is the important information?

Understand

Understand the question.
What do you need to find out?

Choose

Choose the correct method of calculation and operation(s).

Solve

Solve the problem.
Make sure you follow the steps.

Answer

Answer the question.
What were you meant to find out?

Check

Check your answer.
Use the inverse to check your working out.

Let’s look at a question together…

Pencils can be bought in packs of 4.
I buy 18 packs for the classroom.
How many pencils do I have altogether?

Let’s look at a question together…

Pencils can be bought in packs of 4.
I buy 18 packs for the classroom.
How many pencils do I have altogether?

18 x 4 = _____

X	10	8
4		

Let’s look at a question together…

Pencils can be bought in packs of 4.
I buy 18 packs for the classroom.
How many pencils do I have altogether?

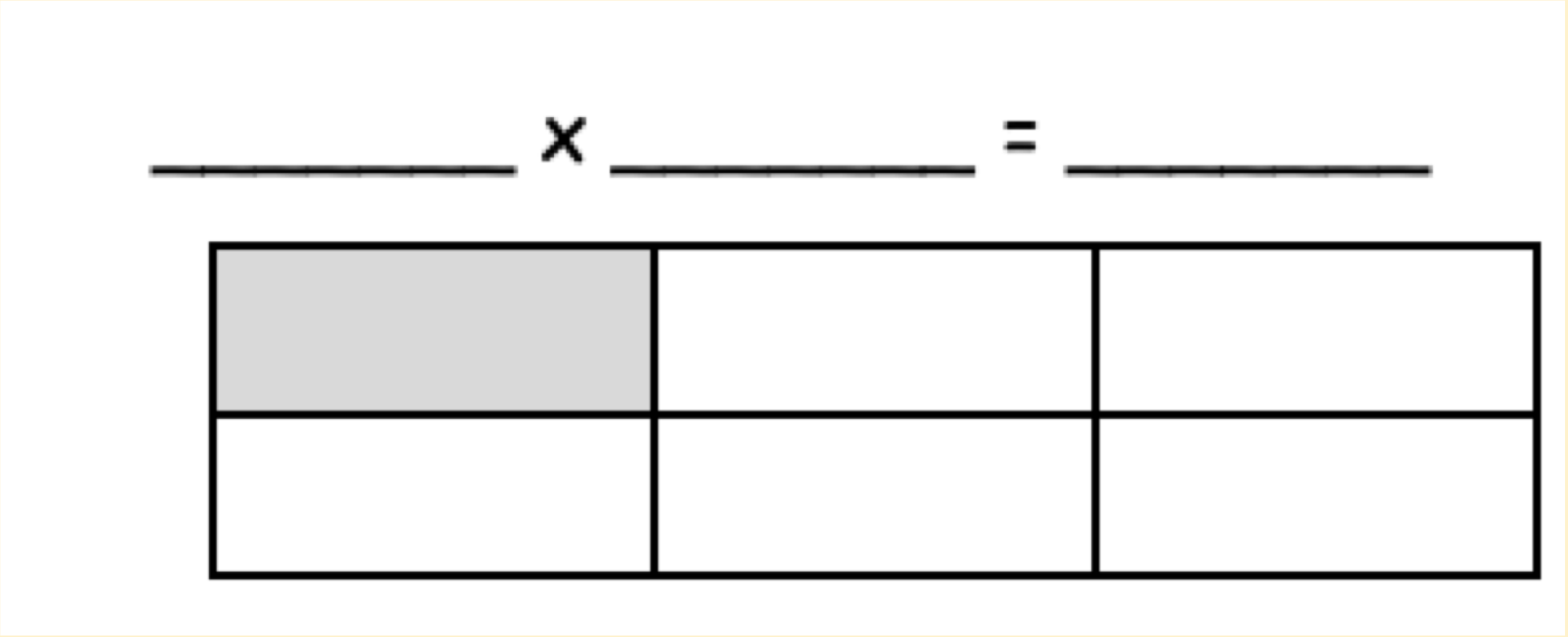
18 x 4 = _____

X	10	8
4	40	32

= 72 pencils

Your turn…

I have 76 pairs of shoes.
How many individual shoes do I have?



Your turn…

I have 76 pairs of shoes.
How many individual shoes do I have?

76 x 2 = _____

X	70	6
2		

Your turn…

I have 76 pairs of shoes.
How many individual shoes do I have?

76 x 2 = _____

X	70	6
2	140	12

= 152 shoes