

Wednesday 3rd March

Year 3 Maths - Chapter 5 - Lesson 8

Solving word problems

Give me 5!



1. $467 + 491 =$

2. $867 - 238 =$

3. $88 \div ? = 8$

4. $1/2$ of 46 =

5. $? \times 5 = 3 \times 10$

Give me 5! 

1. $467 + 491 = 958$

2. $867 - 238 = 629$

3. $88 \div ? = 8$

4. $1/2$ of 46 = 23

5. $? \times 5 = 3 \times 10$

Solving Word Problems

Lesson 8

In Focus

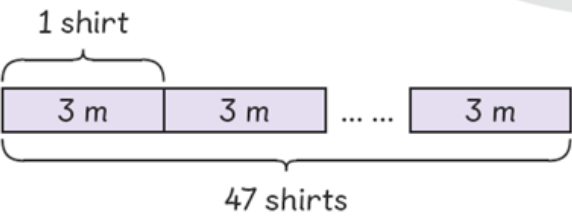
A tailor needs 3 m of cloth to make a shirt.
He made 47 shirts and had 7 m of cloth left over.

How much cloth did the tailor have at first?



Let's Learn

How much cloth did he use to make the shirts?



$50 \times 3 = 150$

$47 \times 3 = 150 - \text{[blue box]}$

		4	7
×			3
<hr/>			
		2	1
+	1	2	0
<hr/>			
	1	4	1
<hr/>			



$47 \times 3 = 141$

He used 141 m of the cloth.

$141 + 7 = 148$

He had 148 m of cloth at first.

How much cloth did the tailor have at first?



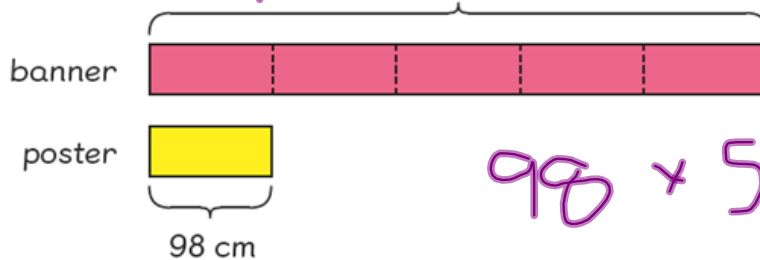
Guided Practice

$$2 \times 23 = 46m$$

- 1 Ruby needs 2 m of cloth to make a shirt.
How much cloth does she need to make 23 shirts?

- 2 A school banner is 5 times as long as a classroom poster.
The classroom poster is 98 cm long.
What is the length of the school banner?
Give your answer in metres and centimetres.

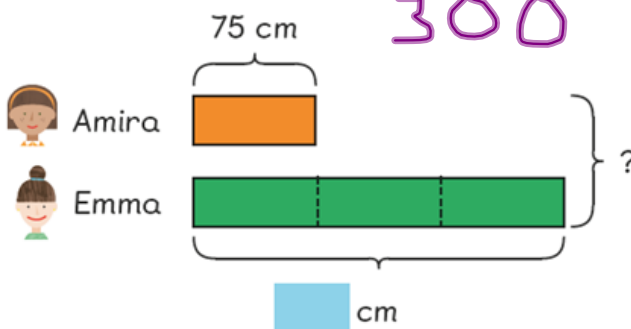
4 m 90 cm ?



$$98 \times 5$$

$$\begin{array}{r} 98 \\ \times 5 \\ \hline 40 \\ 450 \\ \hline 490 \text{ cm} \end{array}$$

- 3 Amira's ribbon is 75 cm long.
Emma's ribbon is 3 times as long as Amira's ribbon.
What is the total length of their ribbons?



300

$$\begin{array}{r} 75 \\ \times 3 \\ \hline 15 \\ 210 \\ \hline 225 \end{array}$$

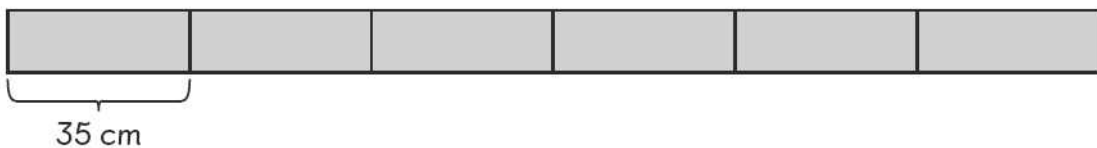
Name: _____ Class: _____ Date: _____

Worksheet 8**Solving Word Problems**

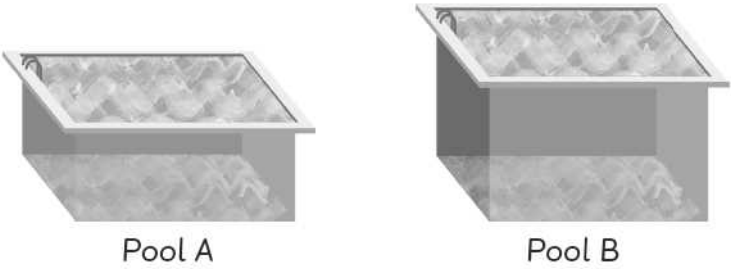
Solve.

- 1** Emma made 3 dresses.
She used 2 m of cloth for each dress and had 3 m of cloth left.
What was the length of the cloth to begin with?

- 2** Elliott pasted 6 rectangular papers in a straight row.
The length of each paper was 35 cm.
What was the length of the 6 rectangular papers altogether?
Give your answer in metres and centimetres.



- 3 Pool A is 2 m deep.
Pool B is three times deeper than Pool A.
What is the depth of Pool B?



- 4 Lulu travelled 23 km from Town A to Town B.
The distance from Town B to Town C was twice the distance of that
between Town A and Town B.
What was the total distance Lulu travelled?



1.) In a relay race each team has 4 runners. Each runner has to run 2Km 300m. How far does each team have to run?

2.) A binder is 34 cm thick. How thick are 4 binders put together?

3.) The length of a running track is 460m. I run around the running track 6 times. How far do i run in kilometres?

4.) A table is 2m 20cm long. How long is a row of 6 tables? Write your answer in cm.

5.) A tailor needs 4m of fabric to make a dress. She made 38 dresses and had 8m of fabric left over. How much fabric did the tailor have at first?

6.) A carpenter needs 3m of wood to make a table. He made 59 tables and had 6m of wood left over. How much wood did the carpenter have at first?

Name: _____ Class: _____ Date: _____

Worksheet 8

Solving Word Problems

Solve.

- 1 Emma made 3 dresses.
She used 2 m of cloth for each dress and had 3 m of cloth left.
What was the length of the cloth to begin with?



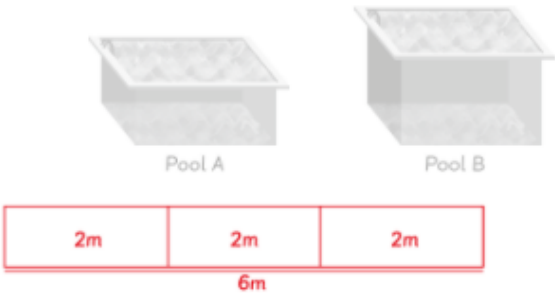
$2 + 2 + 2 + 3 = 9\text{m}$
The cloth was 9m to begin with

- 2 Elliott pasted 6 rectangular papers in a straight row.
The length of each paper was 35 cm.
What was the length of the 6 rectangular papers altogether?
Give your answer in metres and centimetres.



$35 \times 6 = 210\text{cm}$
 $210\text{cm} = 2\text{m } 10\text{cm}$

- 3 Pool A is 2 m deep.
Pool B is three times deeper than Pool A.
What is the depth of Pool B?



Pool B is 6m deep

- 4 Lulu travelled 23 km from Town A to Town B.
The distance from Town B to Town C was twice the distance of that
between Town A and Town B.
What was the total distance Lulu travelled?



1.) In a relay race each team has 4 runners. Each runner has to run 2Km 300m. How far does each team have to run?

9km 200m or 9,200m

2.) A binder is 34 cm thick. How thick are 4 binders put together?

136cm or 1m 36cm

3.) The length of a running track is 460m. I run around the running track 6 times. How far do i run in kilometres?

2km 760m

4.) A table is 2m 20cm long. How long is a row of 6 tables? Write your answer in cm.

1320cm

5.) A tailor needs 4m of fabric to make a dress. She made 38 dresses and had 8m of fabric left over. How much fabric did the tailor have at first?

198m

6.) A carpenter needs 3m of wood to make a table. He made 59 tables and had 6m of wood left over. How much wood did the carpenter have at first?

183m

