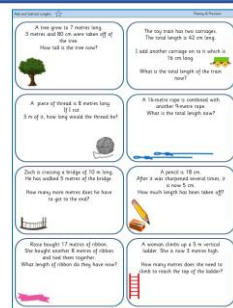


★ Length and Perimeter – Add and Subtract Lengths

Children continue to add and subtract lengths within word problems. They can cut out the tasks and show their working out in their books, picking their preferable method.

On this sheet, they add and subtract simple measurements within one-step word problems.

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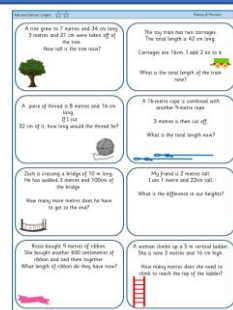


★★ Length and Perimeter – Add and Subtract Lengths

Children continue to add and subtract lengths within word problems. They can cut out the tasks and show their working out in their books, picking their preferable method.

On this sheet, they add and subtract measurements within one and two-step word problems.

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★★★ Length and Perimeter – Add and Subtract Lengths

Children continue to add and subtract lengths within word problems. They can cut out the tasks and show their working out in their books, picking their preferable method.

On this sheet, they have complex word problems to solve.

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Reasoning & Problem Solving

Length and Perimeter – Add and Subtract Lengths

Children continue to show their understanding of adding and subtracting lengths by answering reasoning tasks.

Add and Subtract Lengths

A ball bounced at a height of 2 m and 53 cm. The second time it bounced 1 m and 17 cm. The difference in height of both bounces is > the second time it bounced.

True or False?

Explain your answer.

Reasoning & Problem Solving

There's a distance of 9 metres between classroom A and Classroom B.

Tia walks halfway from Classroom A to Classroom B.

How many more metres does she need to walk to get to Classroom B?

You have to know how many centimetres there are in a metre to work out the answer.

Do you agree with Esin? Why?



A tree grew to 7 metres long.
3 metres and 80 cm were taken off of
the tree.

How tall is the tree now?



The toy train has two carriages.
The total length is 42 cm long.

I add another carriage on to it which is
16 cm long.



What is the total length of the train
now?

A piece of thread is 8 metres long.
If I cut
3 m of it, how long would the thread be?



A 16-metre rope is combined with
another 9-metre rope.
What is the total length now?



Zach is crossing a bridge of 10 m long.
He has walked 5 metres of the bridge.

How many more metres does he have
to get to the end?



A pencil is 18 cm.
After it was sharpened several times,
it is now 5 cm.

How much length has been taken off?



Rosie bought 17 metres of ribbon.
She bought another 8 metres of ribbon
and tied them together.
What length of ribbon do they have now?



A woman climbs up a 5-m vertical
ladder. She is now 3 metres high.

How many metres does she need to
climb to reach the top of the ladder?





A tree grew to 7 metres long.
3 metres and 80 cm were taken off of
the tree.

How tall is the tree now?



3 m and 20 cm

The toy train has two carriages.
The total length is 42 cm long.

I add another carriage on to it which is
16 cm long.



What is the total length of the train
now?

58 cm

A piece of thread is 8 metres long.
If I cut
3 m of it, how long would the thread be?

5 m



A 16-metre rope is combined with
another 9-metre rope.
What is the total length now?

25 m



Zach is crossing a bridge of 10 m long.
He has walked 5 metres of the bridge.

How many more metres does he have
to get to the end?



5 m

A pencil is 18 cm.
After it was sharpened several times,
it is now 5 cm.

How much length has been taken off?



13 cm

Rosie bought 17 metres of ribbon.
She bought another 8 metres of ribbon
and tied them together.
What length of ribbon do they have now?

25 m



A woman climbs up a 5-m vertical
ladder. She is now 3 metres high.

How many metres does she need to
climb to reach the top of the ladder?



2 m



A tree grew to 7 metres and 34 cm long.
3 metres and 21 cm were taken off of the tree.

How tall is the tree now?



The toy train has two carriages.
The total length is 42 cm long.

Carriages are 16 cm. I add 2 on to it.



What is the total length of the train now?

A piece of thread is 8 metres and 16 cm long.

If I cut
32 cm of it, how long would the thread be?



A 16-metre rope is combined with
another 9-metre rope.

3 metres is then cut off.

What is the total length now?



Zach is crossing a bridge of 10 m long.
He has walked 3 metres and 100 cm
of the bridge.

How many more metres does he have
to get to the end?



My friend is 2 metres tall.
I am 1 metre and 22 cm tall.

What is the difference in our heights?



Rosie bought 9 metres of ribbon.
She bought another 600 centimetres of
ribbon and tied them together.
What length of ribbon do they have now?



A woman climbs up a 5-m vertical ladder.
She is now 3 metres and 16 cm high.

How many metres does she need to climb
to reach the top of the ladder?





A tree grew to 7 metres and 34 cm long.
3 metres and 21 cm were taken off of the tree.

How tall is the tree now?



4 m and 13 cm

The toy train has two carriages.
The total length is 42 cm long.

Carriages are 16 cm. I add 2 on to it.



What is the total length of the train now?

74 cm

A piece of thread is 8 metres and 16 cm long.
If I cut
32 cm of it, how long would the thread be?

7 metres and 84 cm



A 16-metre rope is combined with
another 9-metre rope.

3 metres is then cut off.

What is the total length now?

22 m



Zach is crossing a bridge of 10 m long.
He has walked 3 metres and 100 cm
of the bridge.

How many more metres does he have
to get to the end?



600 cm

My friend is 2 metres tall.
I am 1 metre and 22 cm tall.

What is the difference in our heights?



78 cm



Rosie bought 9 metres of ribbon.
She bought another 600 centimetres of
ribbon and tied them together.
What length of ribbon do they have now?

15 metres



A woman climbs up a 5-m vertical ladder.
She is now 3 metres and 16 cm high.

How many metres does she need to climb
to reach the top of the ladder?



1 metre 84 cm



A tree grew to 7 metres and 34 cm long.
3 metres and 88 cm were taken off of the tree.
The next year, it grew another 1 metre and 87 cm.

How tall is the tree now?



The toy train has two carriages.
The total length of both carriages is 42 cm long
and the train is 12 cm long.

I add 3 more carriages onto the toy train.

What is the total length now?



A piece of thread is 8 metres and 16 cm long.
If I cut
232 cm of it, how long would the thread be?



A 16 metre and 89 cm rope is combined
with another 9 metre and 22 cm rope.

3 metres and 47 cm is then cut off.

What is the total length now?



Zach is crossing a bridge of 10 m and 23 cm long. He has walked 3 metres and 89 cm of the bridge and takes a rest. He realises he left his hat at the beginning of the bridge and turns to get it and then walks over the bridge to the end.

How many metres has he walked altogether?



My friend is 2 metres and 8 cm tall.
I am 1 metre and 98 cm tall.

My favourite trainers makes me 4 cm taller.



What is the difference in our heights when I am wearing my favourite trainers?



Rosie bought 9 metres of ribbon.
She bought another 610 centimetres of ribbon and tied them together but found it was now too long, so she cut 45 cm off.
What length of ribbon does she have now?



A woman climbs up a 5-m vertical ladder.
She is now 3 metres and 16 cm high.

She climbs down a metre and 10 cm to clean a window and then climbs to the top of the ladder.



How many metres has she climbed altogether?



A tree grew to 7 metres and 34 cm long. 3 metres and 88 cm were taken off of the tree. The next year, it grew another 1 metre and 87 cm.

How tall is the tree now?



5 m and 33 cm

The toy train has two carriages. The total length of both carriages is 42 cm long and the train is 12 cm long.

I add 3 more carriages onto the toy train.

What is the total length now?

1 m and 17 cm



A piece of thread is 8 metres and 16 cm long. If I cut 232 cm of it, how long would the thread be?

5 m and 84 cm



A 16 metre and 89 cm rope is combined with another 9 metre and 22 cm rope.

3 metres and 47 cm is then cut off.

What is the total length now?

22 m and 64 cm



Zach is crossing a bridge of 10 m and 23 cm long. He has walked 3 metres and 89 cm of the bridge and takes a rest. He realises he left his hat at the beginning of the bridge and turns to get it and then walks over the bridge to the end.

How many metres has he walked altogether?



18 m and 1 cm

My friend is 2 metres and 8 cm tall. I am 1 metre and 98 cm tall.

My favourite trainers makes me 4 cm taller.



What is the difference in our heights when I am wearing my favourite trainers?



6 cm

Rosie bought 9 metres of ribbon. She bought another 610 centimetres of ribbon and tied them together but found it was now too long, so she cut 45 cm off. What length of ribbon does she have now?



14 m and 65 cm

A woman climbs up a 5-m vertical ladder. She is now 3 metres and 16 cm high.

She climbs down a metre and 10 cm to clean a window and then climbs to the top of the ladder.



How many metres has she climbed altogether?

6 m and 10 cm

A ball bounced at a height of 2 m and 53 cm.

The second time it bounced 1 m and 17 cm.

The difference in height of both bounces is > the second time it bounced.

True or False?

Explain your answer.



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How many more metres does she need to walk to get to Classroom B?

You have to know how many centimetres there are in a metre to work out the answer.



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Why?

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Do you agree with Esin?
Why?

A ball bounced at a height of 2 m and 53 cm.

The second time it bounced 1 m and 17 cm.

The difference in height of both bounces is > the second time it bounced.

True or False?

Explain your answer.



True. The difference in height is 1 metre and 36 cm.

The 2nd time it bounced it bounced 1 m and 17 cm.

1 m and 36 cm > 1 m and 17 cm

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There's a distance of 9 metres between classroom A and Classroom B.

Tia walks halfway from Classroom A to Classroom B.

How many more metres does she need to walk to get to Classroom B?

You have to know how many centimetres there are in a metre to work out the answer.



You do not need to convert. You could say that Tia needs to walk 4 ½ more metres.

A ball bounced at a height of 2 m and 53 cm.

The second time it bounced 1 m and 17 cm.

The difference in height of both bounces is > the second time it bounced.

True or False?

Explain your answer.



True. The difference in height is 1 metre and 36 cm.

The 2nd time it bounced it bounced 1 m and 17 cm.

1 m and 36 cm > 1 m and 17 cm

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You do not need to convert. You could say that Tia needs to walk 4 ½ more metres.