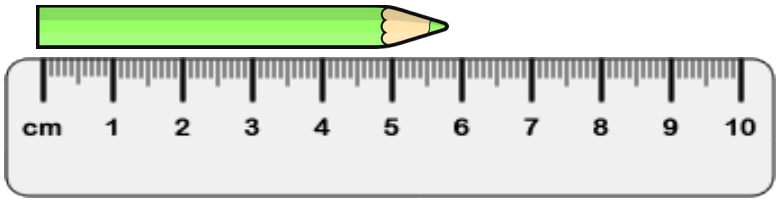
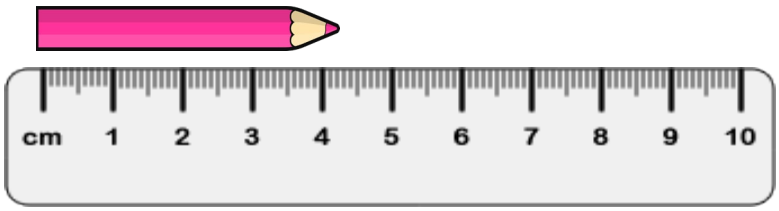
Operations

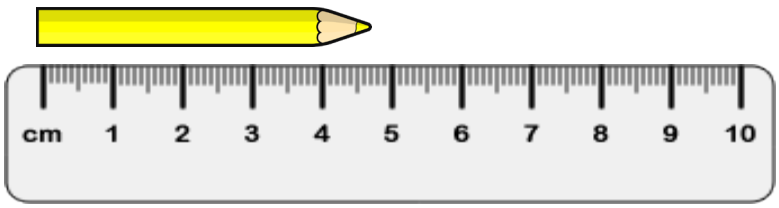
1 How long is each pencil to the nearest centimetre?



_____ cm long.



_____ cm long.



_____ cm long.

Complete the sentences below.

a The _____ pencil is the longest. The _____ pencil is the shortest.

b The _____ pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is _____cm.

d The total length of the **yellow** pencil and **pink** pencil is _____cm.

e The total length of the **pink** pencil and **green** pencil is _____cm.

f The total length of all three pencils is _____cm.

g The difference in length between the **green** pencil and **yellow** pencil is _____cm.

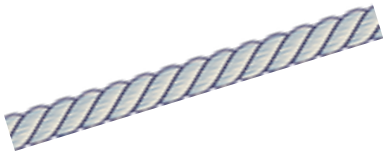
h The difference in length between the **pink** pencil and **green** pencil is _____cm.

i The _____ pencil is 1cm longer than the **yellow** pencil.

Operations

1 A length of rope measures 10m. 6m is cut off the rope.
How much rope is left?
Write a calculation to show this.

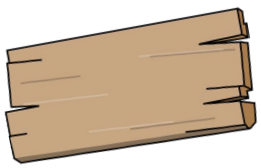
☐ - ☐ = ☐



There would be ☐ of rope left.

2 One piece of wood was 20cm. The other piece of wood was 10cm.
What is the combined length of both pieces of wood?
Write a calculation to show this.

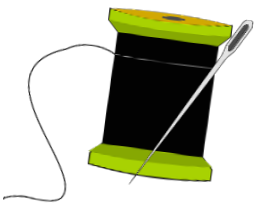
☐ + ☐ = ☐



The combined total is ☐

3 Kat had four pieces of string each measuring 2cm.
What is the total length of string that Kat had altogether?
Write a calculation to show this.

☐ x ☐ = ☐



The total length of string is ☐

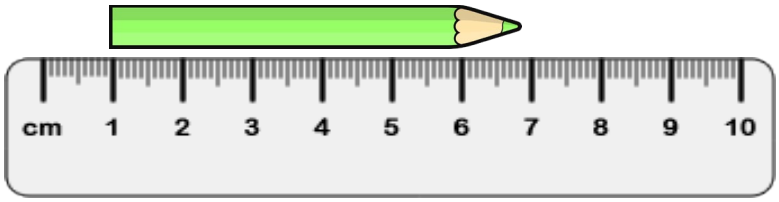
4 A pipe measured 6m long.
The pipe was cut in half. How long is each piece of pipe?
Write a calculation to show this.

☐ ÷ ☐ = ☐

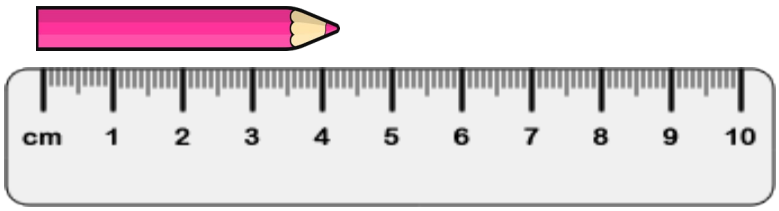
Each piece of pipe is ☐

Operations

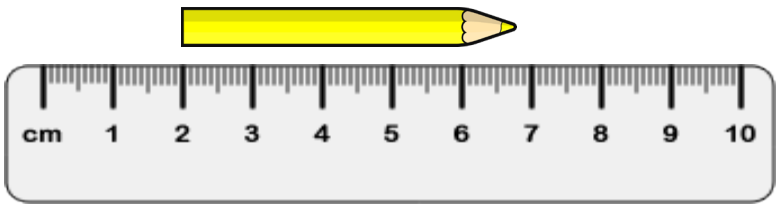
1 How long is each pencil to the nearest centimetre?



cm long.



cm long.



cm long.

Complete the sentences below.

a The _____ pencil is the longest. The _____ pencil is the shortest.

b The _____ pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is _____cm.

d The total length of the **yellow** pencil and **pink** pencil is _____cm.

e The total length of the **pink** pencil and **green** pencil is _____cm.

f The total length of all three pencils is _____cm.

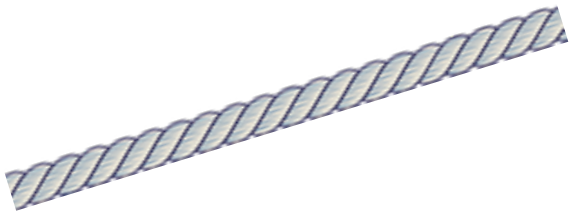
g The difference in length between the **green** pencil and **yellow** pencil is _____cm.

h The difference in length between the **pink** pencil and **green** pencil is _____cm.

i The _____ pencil is 1cm longer than the **yellow** pencil.

Operations

1 A length of rope measures 50m. The rope is cut into 10m equal lengths.
How many pieces of rope are there?
Write a calculation to show this.

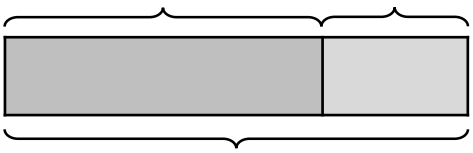


There would be ☐ pieces of rope.

2 Eight equal lengths of plastic pipe are glued together to make one long pipe.
Each equal length of pipe is 5cm. How long would the pipe be when glued together?
Write a calculation to show this.

The pipe would be ☐ cm long.

3 Chain A is 14m long. Chain B is 8m longer than Chain A. How long is Chain B?
Write a calculation to show this.

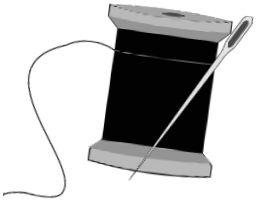


☐ + ☐ = ☐

Chain B is ☐ m long.

4 A length of cotton thread measured 50cm. 7cm was off.
How much cotton thread is left?
Write a calculation to show this.

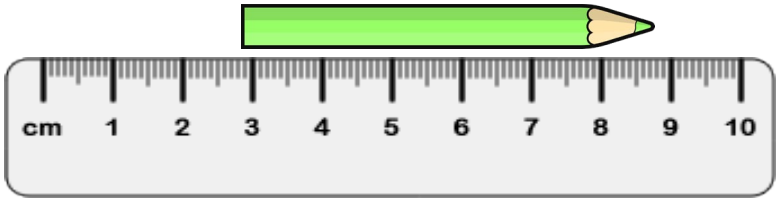
☐ - ☐ = ☐



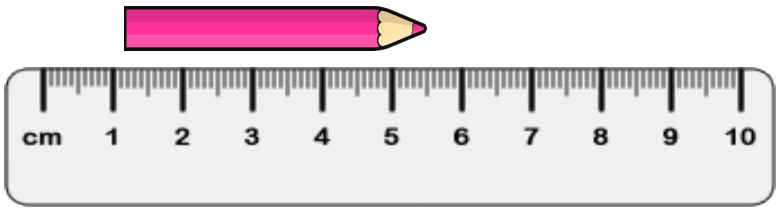
There was ☐ cm of cotton thread left over.

Operations

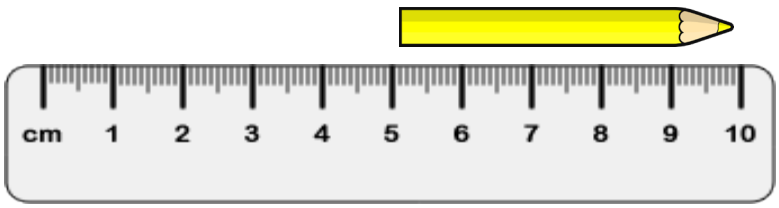
1 How long is each pencil to the nearest centimetre?



_____ cm long.



_____ cm long.



_____ cm long.

Complete the sentences below.

a The _____ pencil is the longest. The _____ pencil is the shortest.

b The _____ pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is _____cm.

d The total length of the **yellow** pencil and **pink** pencil is _____cm.

e The total length of the **pink** pencil and **green** pencil is _____cm.

f The total length of all three pencils is _____cm.

g The difference in length between the **green** pencil and **yellow** pencil is _____cm.

h The difference in length between the **pink** pencil and **green** pencil is _____cm.

i The difference between the longest and shortest pencil is _____cm.

Operations

1 A length of rope measures 50m. The rope is cut into 10m equal lengths.
How many pieces of rope are there?
Write a calculation to show this.

☐ ÷ ☐ = ☐ There would be ☐ pieces of rope.

2 Eight equal lengths of plastic pipe are glued together to make one long pipe.
Each equal length of pipe is 5cm. Would the total length be less than 40cm?
Write a calculation to help you and explain your answer.

☐ x ☐ = ☐

3 Chain A is 27m long. Chain B is 9m longer than Chain A.
How long is chain A and B combined? Write a calculation to show this.

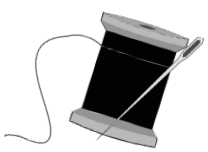
☐ + ☐ = ☐

The total length of Chain A and B is

_____m

Show this on a bar model:

4 A length of cotton thread measured 50cm.14cm was off.
Kat says that there will be more than 35cm left.
Is Kat correct? Explain how you know.

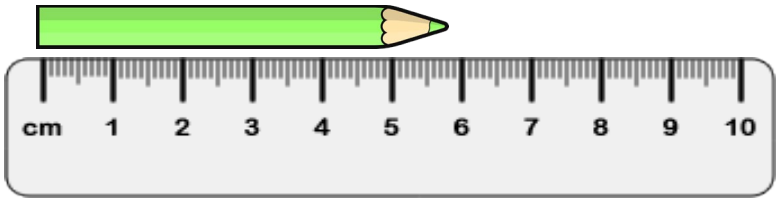


Answers

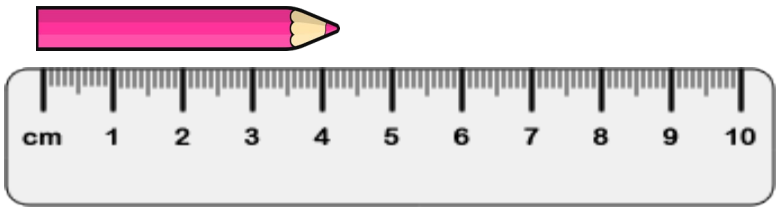
To avoid wasting paper & ink, please do not print this page.

Operations

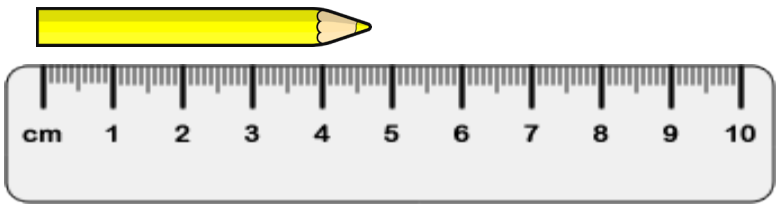
1 How long is each pencil to the nearest centimetre?



6 cm long.



4 cm long.



5 cm long.

Complete the sentences below.

a The ___green___ pencil is the longest. The ___pink___ pencil is the shortest.

b The ___yellow___ pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is ___11___cm.

d The total length of the **yellow** pencil and **pink** pencil is ___9___cm.

e The total length of the **pink** pencil and **green** pencil is ___10___cm.

f The total length of all three pencils is ___15___cm.

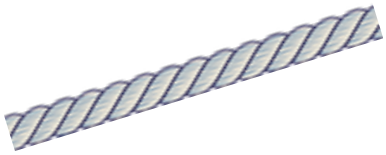
g The difference in length between the **green** pencil and **yellow** pencil is ___1___cm.

h The difference in length between the **pink** pencil and **green** pencil is ___2___cm.

i The ___green___ pencil is 1cm longer than the **yellow** pencil.

Operations

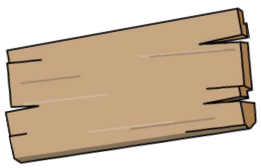
1 A length of rope measures 10m. 6m is cut off the rope.
How much rope is left?
Write a calculation to show this.



10m	-	6m	=	4m

There would be 4m of rope left.

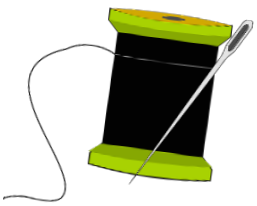
2 One piece of wood was 20cm. The other piece of wood was 10cm.
What is the combined length of both pieces of wood?
Write a calculation to show this.



20cm	+	10cm	=	30cm

The combined total is 30cm

3 Kat had four pieces of string each measuring 2cm.
What is the total length of string that Kat had altogether?
Write a calculation to show this.



4	x	2cm	=	8cm

The total length of string is 8cm

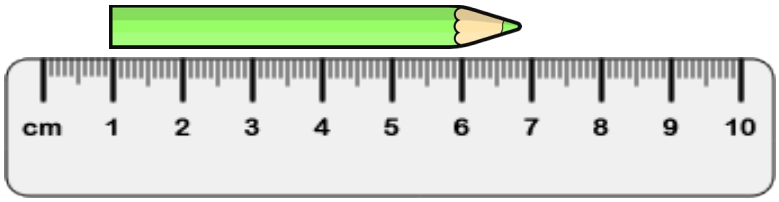
4 A pipe measured 6m long.
The pipe was cut in half. How long is each piece of pipe?
Write a calculation to show this.

6m	÷	2	=	3m

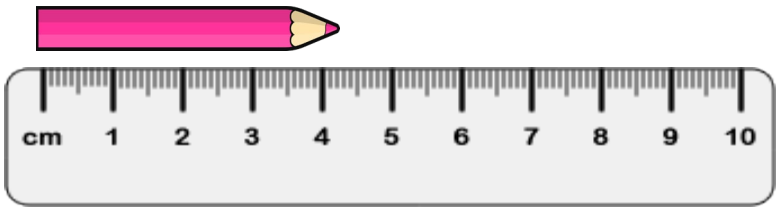
Each piece of pipe is 3m

Operations

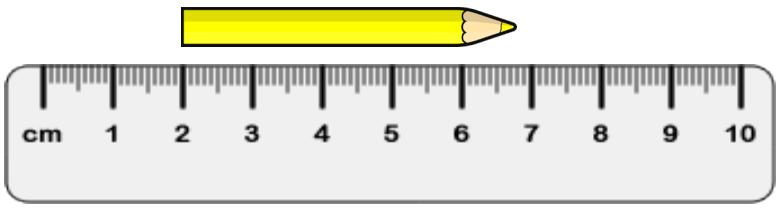
1 How long is each pencil to the nearest centimetre?



6 cm long.



4 cm long.



5 cm long.

Complete the sentences below.

a The ___green___ pencil is the longest. The ___pink___ pencil is the shortest.

b The ___yellow___ pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is ___11___cm.

d The total length of the **yellow** pencil and **pink** pencil is ___9___cm.

e The total length of the **pink** pencil and **green** pencil is ___10___cm.

f The total length of all three pencils is ___15___cm.

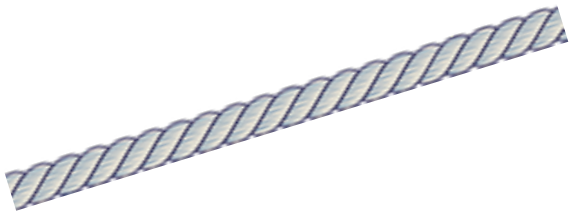
g The difference in length between the **green** pencil and **yellow** pencil is ___1___cm.

h The difference in length between the **pink** pencil and **green** pencil is ___2___cm.

i The ___green___ pencil is 1cm longer than the **yellow** pencil.

Operations

1 A length of rope measures 50m. The rope is cut into 10m equal lengths.
How many pieces of rope are there?
Write a calculation to show this.



50m ÷ 10m = 5m

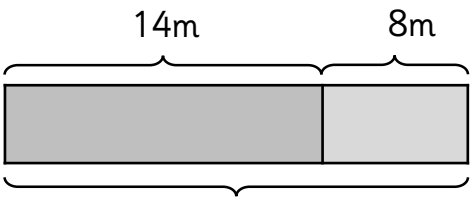
There would be 5 pieces of rope.

2 Eight equal lengths of plastic pipe are glued together to make one long pipe.
Each equal length of pipe is 5cm. How long would the pipe be when glued together?
Write a calculation to show this.

8cm x 5cm = 40cm

The pipe would be 40 cm long.

3 Chain A is 14m long. Chain B is 8m longer than Chain A. How long is Chain B?
Write a calculation to show this.

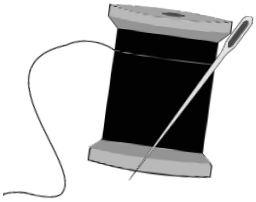


22m

14m + 8m = 22m

Chain B is 22 m long.

4 A length of cotton thread measured 50cm. 7cm was off.
How much cotton thread is left?
Write a calculation to show this.

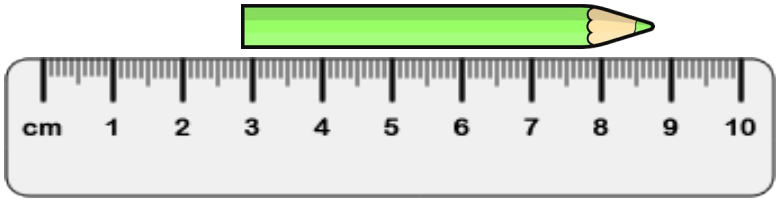


50cm - 7cm = 43cm

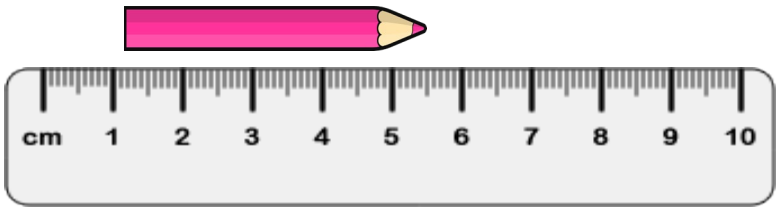
There was 43 cm of cotton thread left over.

Operations

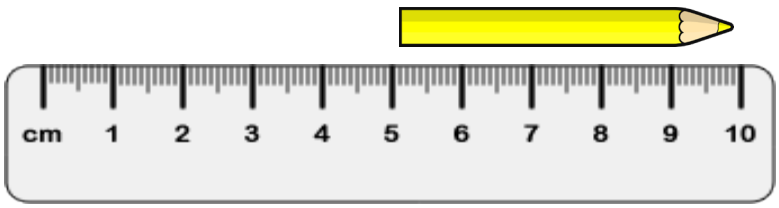
1 How long is each pencil to the nearest centimetre?



6 cm long.



4 cm long.



5 cm long.

Complete the sentences below.

a The green pencil is the longest. The pink pencil is the shortest.

b The yellow pencil shorter than the **green** pencil but longer than the **pink**.

c The total length of the **green** pencil and **yellow** pencil is 11 cm.

d The total length of the **yellow** pencil and **pink** pencil is 9 cm.

e The total length of the **pink** pencil and **green** pencil is 10 cm.

f The total length of all three pencils is 15 cm.

g The difference in length between the **green** pencil and **yellow** pencil is 1 cm.

h The difference in length between the **pink** pencil and **green** pencil is 2 cm.

i The difference between the longest and shortest pencil is 2 cm.

Operations

1 A length of rope measures 50m. The rope is cut into 10m equal lengths.
How many pieces of rope are there?
Write a calculation to show this.

50m	÷	10m	=	5

There would be 5 pieces of rope.

2 Eight equal lengths of plastic pipe are glued together to make one long pipe.
Each equal length of pipe is 5cm. Would the total length be less than 40cm?
Write a calculation to help you and explain your answer.

8cm	x	5cm	=	40cm

No, the total length will not be less than 40cm as it is 40cm exactly.

3 Chain A is 27m long. Chain B is 9m longer than Chain A.
How long is chain A and B combined? Write a calculation to show this.

27m	+	36m	=	63m

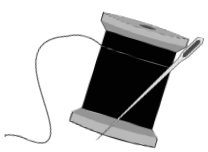
The total length of Chain A and B is

63 m

Show this on a bar model:

63m	
27m	36m

4 A length of cotton thread measured 50cm. 14cm was off.
Kat says that there will be more than 35cm left.
Is Kat correct? Explain how you know.



Kat is correct.
50cm – 14cm = 36cm left.
Therefore there is more than 35cm left.