

# Four operations with lengths and heights

- 1 Fay has a piece of ribbon.



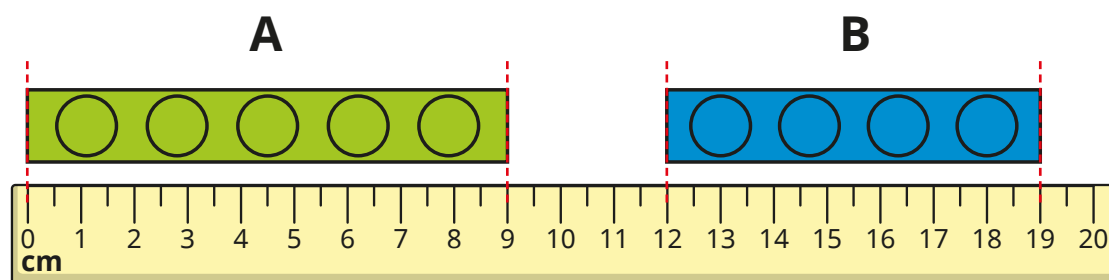
She cuts the ribbon into two pieces.



How long was the ribbon before Fay cut it?

 cm

- 2 Kim measures the lengths of two bricks.

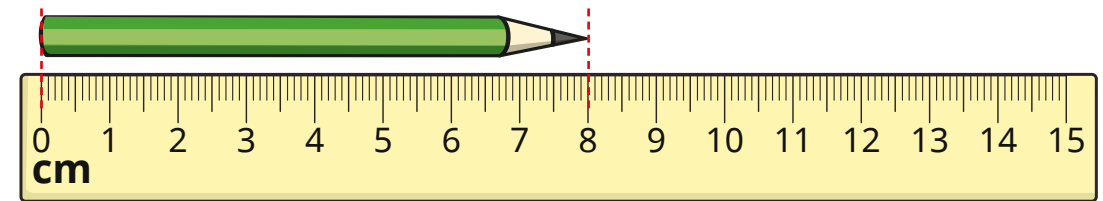


How much longer is brick A than brick B?

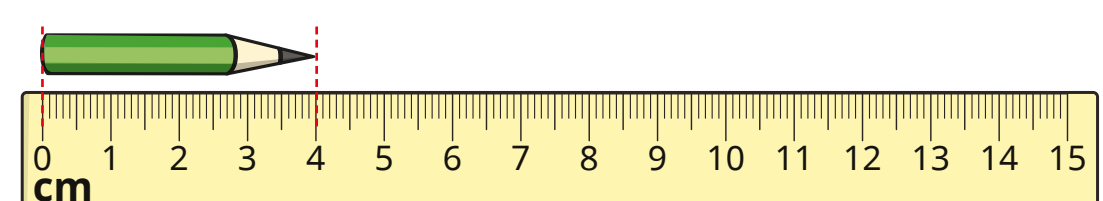
 cm

- 3 Mo measures his pencil at the start of Year 2, halfway through Year 2 and at the end of Year 2

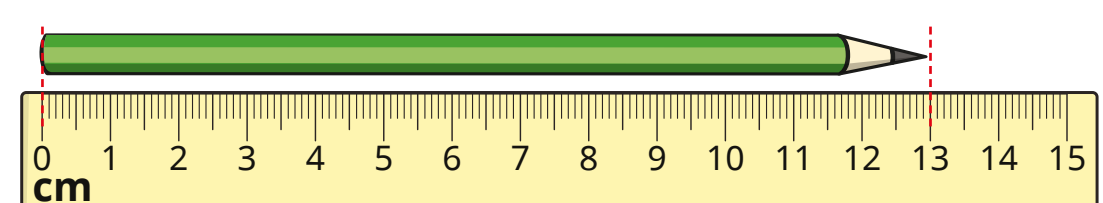
A



B



C



- a) Which picture (A, B or C) shows the pencil at the start of Year 2?

picture \_\_\_\_\_

How do you know?

- b) What is the difference between the longest and shortest lengths?

 cm


4 Dan, Max and Ann buy cards for Kay's birthday.



- Dan's card is 12 cm tall.
- Max's card is half the height of Dan's card.
- Ann's card is 3 cm taller than Dan's card.

a) What is the height of Max's card?

 cm

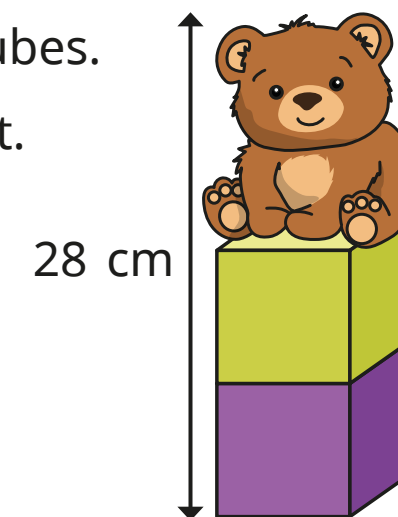
b) What is the height of Ann's card?

 cm

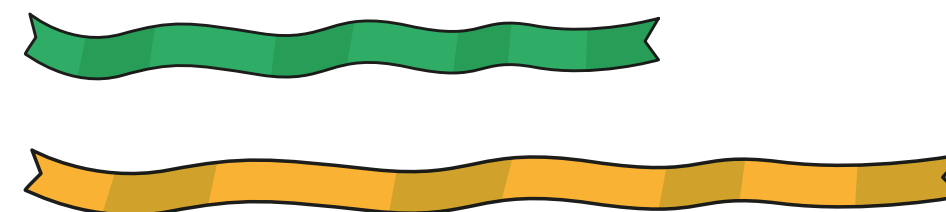
c) What is the difference in height between Max's card and Ann's card?

 cm

5 A teddy sits on top of two cubes. Each cube is the same height. The teddy is 12 cm tall. How tall is each cube?

 cm

6 Here are two ribbons.



The total length of the two ribbons is 1 m. One of the ribbons is 38 cm. How long is the other ribbon?

 cm