

April 20th	5-a-day	Numeracy
<p>500 - 272</p> <p style="text-align: center;">228</p>	<p>383 + 921</p> <p style="text-align: center;">1304</p>	
<p>Write 23 million in figures</p> <p style="text-align: center;">23000000</p>	<p>Write 21000 in words</p> <p style="text-align: center;">twenty one thousand</p>	
<p>The temperature was 1°C. Later it was -7°C</p> <p>How much had the temperature fallen?</p> <p style="text-align: center;">8°C</p>	<p>The temperature then rose by 3°C</p> <p>What was the final temperature?</p> <p style="text-align: center;">-4°C</p>	
<p>A bag of 20 potatoes has 3 bad potatoes.</p> <p>Another bag has 100 potatoes. How many bad potatoes are expected?</p>	<p style="text-align: center;">15</p>	
<p>Solve</p> $\frac{y}{3} = 6$ <p style="text-align: center;">y = 18</p>		

Write down the reciprocal of

$$\frac{4}{5}$$

$$\frac{5}{4}$$

$$1\frac{1}{4}$$

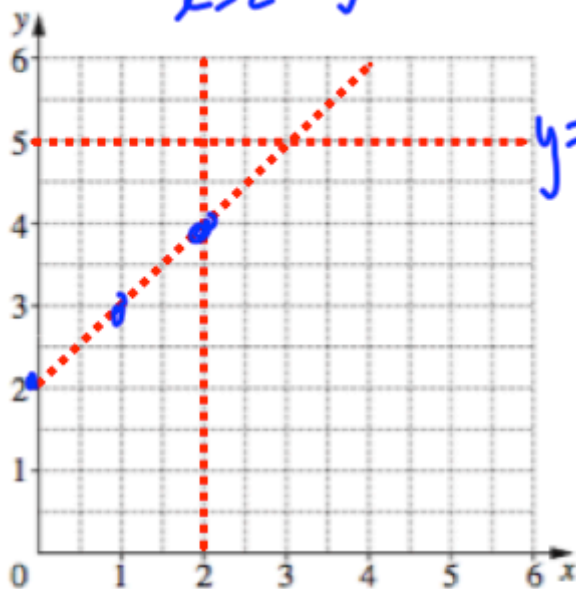
Give your answer as a mixed number

Round 12.94 to 1 significant figure

10

Round 3589 to 2 significant figures

3600



Draw $y = 5$

Draw $x = 2$

On the graph above, draw the graph

$y = x + 2$

$$\begin{array}{r|l} x & 0 \quad 1 \quad 2 \\ \hline y & 2 \quad 3 \quad 4 \end{array}$$

Expand and simplify

$(5w + 1)(3w + 2)$

$15w^2 + 13w + 2$

Expand and simplify

$(y - 8)^2 = (y - 8)(y - 8)$
 $y^2 - 16y + 64$

Solve the simultaneous equations.

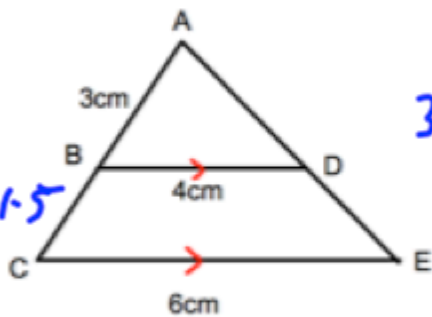
$3x + 2y = 4$
 $2x - 3y = 7$

$9x + 6y = 12$
 $4x - 6y = 14$

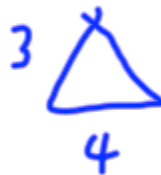
 $13x = 26$

$x = 2$

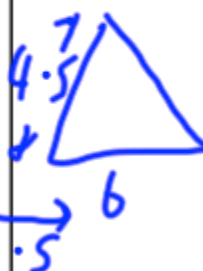
$6 + 2y = 4$
 $2y = -2$
 $y = -1$



1.5

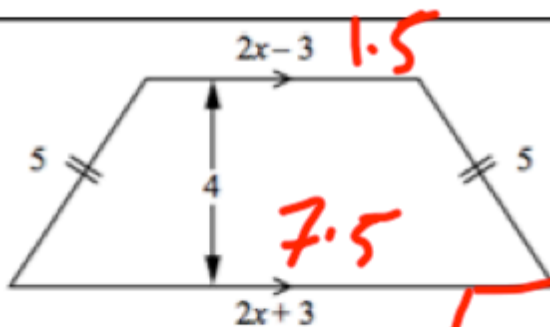


$\times 1.5$



Find the length of BC.

1.5cm



$1.5 + 7.5 + 5 + 5 = 19\text{cm}$

The area of this trapezium is 18cm^2 .

Calculate the perimeter

$\frac{1}{2}(2x - 3 + 2x + 3) \times 4 = 18$
 $2(4x) = 18$
 $8x = 18$ $x = 2.25$

A shirt is increased in price by 20% at the start of 2014.

In the sales, in March, it is then reduced in price by 15%.

Work out the overall change in price since 2013.

2% increase

100
 120×0.85
 $= 102$