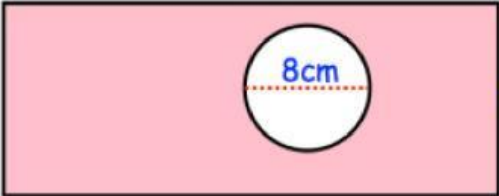


CONSOLIDATE PRACTICE SHEET IV

Not drawn to scale 20cm  11cm	Calculate the shaded area
--	----------------------------------

Complete this table for the graph $y = x^2 + 1$	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="color: blue;">x</td> <td style="color: blue;">-2</td> <td style="color: blue;">-1</td> <td style="color: blue;">0</td> <td style="color: blue;">1</td> <td style="color: blue;">2</td> </tr> <tr> <td style="color: blue;">y</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	x	-2	-1	0	1	2	y					
x	-2	-1	0	1	2								
y													

A bicycle wheel has diameter 80cm.
The bicycle travels 50m.

How many complete revolutions does the wheel make?

Mr James gives £500 to his children Niko, Ronny and Isla in the ratio 2:3:5.

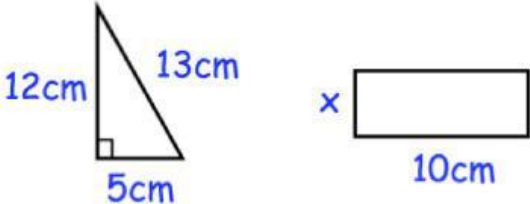
How much do they each receive?

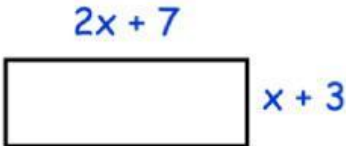
Write down the equation of the line that is parallel to $y = 6x + 1$ and passes through (0, 8).

Fraction	Decimal	Percentage
$\frac{7}{100}$	0.07	
	0.35	35%
$\frac{3}{5}$		60%

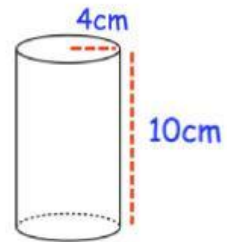
Adults £4 each Children £3 each A group of adults and children goes to the fair. The total cost is £32	Give a possible number of adults and children.
---	---

£1 = \$1.5 dollars Convert £20 into dollars	Convert \$450 into pounds
---	----------------------------------

	The area of the triangle and the rectangle are equal. Find x.
--	---

	The perimeter of the rectangle is 53cm Find x
---	---

Calculate the volume of this cylinder.



If $2x + 4y = 18$

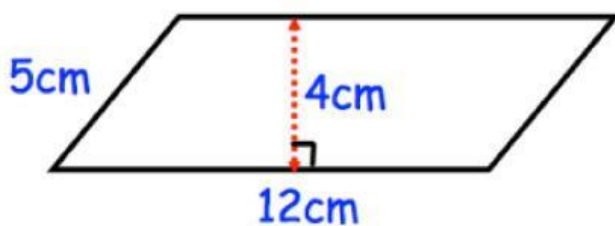
What is the value of $4x + 8y$?

What is the value of $x + 2y$?

Tomos earns £1300 a month.

He spends 30% of this money on rent and 12% on bills.

How much of the £1300 has he left?



Calculate the area of this parallelogram.