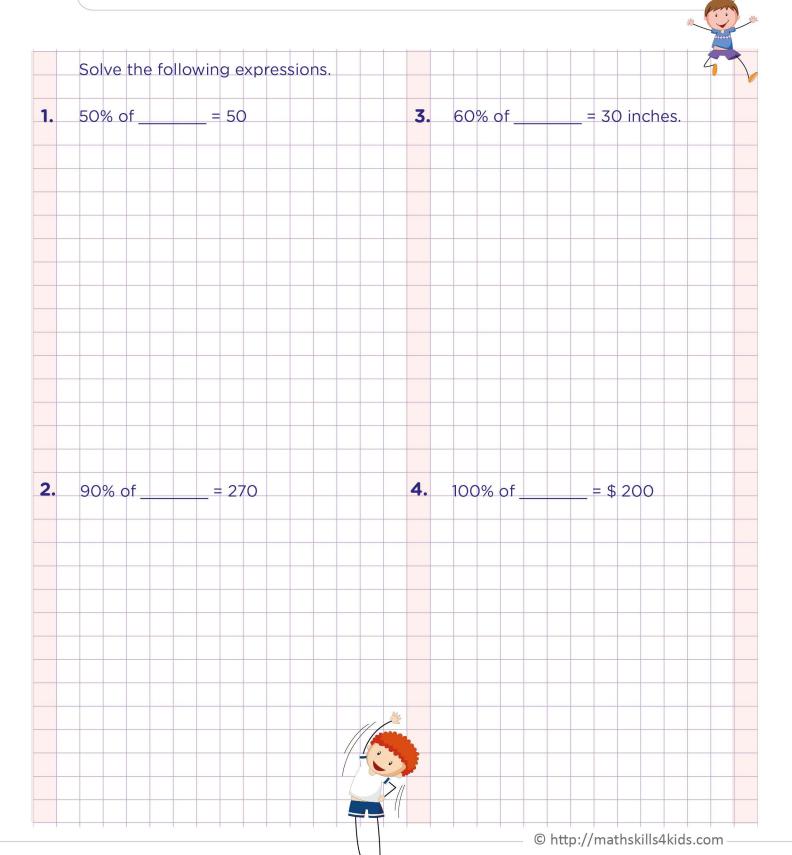


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Find the total given a part and a percent







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Name:	Class:	

Find the total given a part and a percent

	Solve the following expressions.		4
	50% of = 50	3.	60% of = 30 inches.
	use the formula.		use the formula.
	part = percent		part = percent
	total 100		total 100
	The percent is 50.		The percent is 60.
	The part is 50.		The part is 30.
	Let x represent the total.		Let x represent the total.
	Now substitude these value in		Now substitude these value
	the equation,		in the equation,
	50 _ 50		30 _ 60
	x 100		x 100
	50 x 100 = (x) (50)		30 x 100 = (x) (60).
	x = (50 x 100) ÷ 50 = 100		$x = (30 \times 100) \div 60 = 50.$
	x = 100.		x = 50.
	So, 50% of 100 = 50		So, 60% of 50 inches = 30 inches
•	90% of = 270	4.	100% of = \$ 200
	use the formula.		use the formula.
	part _ percent		part = percent
	total 100		total 100
	The percent is 90.		The percent is 100
	The part is 270.		The part is 200
	Let x represent the total.		Let x represent the total
	Now substitude these value		Now substitude these value
	in the equation,		in the equation,
	270 _ 90		200 - 100
	× 100	Na -	x 100
	250 x 100 = (x) (90)		200 x 100 = (x) (100)
	x = (250 x 100) ÷ 90 = 300	-	x = (200 x 100) ÷ 100 = 200
	x = 300		x = 200
	So, 90% of 300 = 270	2//	So, 100% of \$ 200 = \$ 200

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