

1. List all the factors of 24.
 1×24
 2×12 The factors of 24 are:
 3×8 1, 2, 3, 4, 6, 8, 12, 24
 4×6

2. Work out $45.6 + 32.8$

	T	u.	e
+	4	5	.6
	3	2	.8
<hr/>			
	7	8	.4

Answer is 78.4

3. Work out $-8 + -3$ change the two signs next to each other to one sign.
 $-8 - 3 = -11$
 Answer is -11

4. Work out 32×45

	*	30	2
	40	1200	80
<hr/>			
	5	150	10
<hr/>			
	1	440	

- Answer is 1440

5. Work out 1.2×0.8

$1.2 \times 10 = 12$	So $12 \times 8 = 96$	reverse the $\times 10$ step and $\div 10$
$0.8 \times 10 = 8$	$96 \div 10 = 9.6$	
	$9.6 \div 10 = 0.96$	

Answer is 0.96

6. Work out $11 + 9 \times 5$ multiply before Add.
 $9 \times 5 = 45$ Answer = 56
 then $11 + 45 = 56$

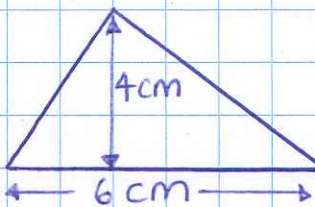
7. Simplify $9a + 5c - 4a + 8c$
 First circle all terms with sign before it. $(9a) + (5c) - (4a) + (8c)$
 Collect Like terms: $9a - 4a = 5a$
 $5c + 8c = 13c$
 Answer is $5a + 13c$

8. Solve $3x - 4 = 8$

$$\begin{array}{r} +4 \quad +4 \\ 3x - 4 = 8 \\ \hline 3x = 12 \\ \div 3 \quad \div 3 \\ \hline x = 4 \end{array}$$

9. Find the mean of 18, 3, 6, 10, 38
 Add all the values $18 + 3 + 6 + 10 + 38 = 75$
 Divide the total by the total number of values. $75 \div 5 = 15$
 The mean is 15

10. Work out the area of



Area of a triangle = $\frac{\text{base} \times \text{height}}{2}$

Area = $\frac{6 \times 4}{2} = \frac{24}{2} = 12$

Area = 12 cm^2

Don't forget units.