

1. Calculate the best buy for each

a. Shower Gel

3 for 2; 1 costs £1.20
Buy 1 get 1 free; costs £1.70

b. Diet coke:

8 pack £5.60
6 pack £4.50

c. Noel paid £91.80 for 60 litres of diesel for his car at Texico.
Olive put 49 litres of diesel in her car at Jeet, costing £73.01.
Which petrol station offered the better deal?

d. Three cartons of rice are on offer.

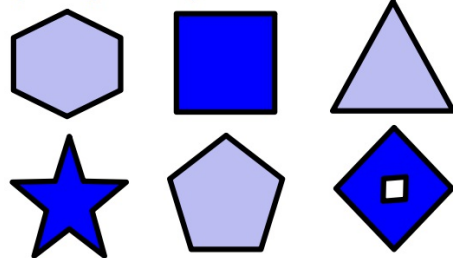
- The small 800 gram carton costs £1.60.
- The 2 kilogram carton costs £3.60.
- The large 12.5 kilogram trade carton costs £20.

Which of the boxes offers :-
a the best value b the poorest value?

Better Buys

Symmetry

Find how many lines of symmetry and rotational symmetry each shape has

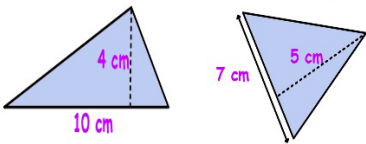


Block test 3 revision

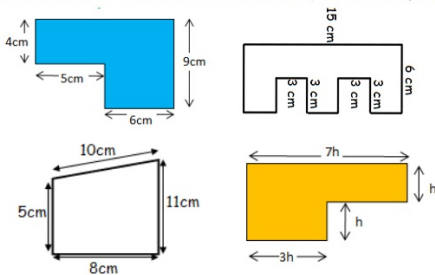
Area

Number

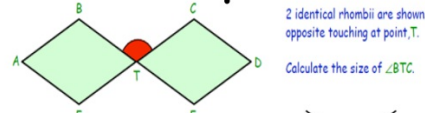
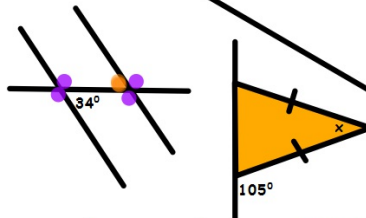
1. Calculate the area of the triangles



2. Calculate the area of the composite shapes



- $-32/8$
- 0.2×0.9
- 0.3×0.4
- -5×-15
- -0.7×0.5
- $\frac{5}{6} \times \frac{3}{8}$
- $\frac{7}{9} \div \frac{2}{3}$
- $9\frac{1}{4} - 6\frac{3}{5}$
- $2\frac{3}{4} + 1\frac{2}{3}$
- $\frac{7}{16} - \frac{1}{4}$



2 identical rhombi are shown opposite touching at point T.
Calculate the size of $\angle BTC$.



Angles

Calculate the missing angles

Topics	Extra Revision pages
<p>Angles</p> <ul style="list-style-type: none"> • Complementary and supplementary angles/ • Vertically opposite angles • Corresponding angle • Alternate angles • Sum of angles in a triangle • Extend all angle work with algebraic formation of equations and solving. 	<p>3a - P23 - 26, Ex 1, 2, 3 3b - P56 - 58, Ex 1 3b - P59 - 60, Ex 2 3a - P27 - 29, Ex 4</p>
<p>2D shapes</p> <ul style="list-style-type: none"> • Square and Rectangle • Rhombus and kite • Parallelogram & Trapezium 	<p>As above Classwork/ notes jotter</p>
<p>Symmetry</p> <ul style="list-style-type: none"> • Line symmetry • Rotational Symmetry • Rotating around a point • Translational symmetry and tiling 	<p>3b: Pg 105 - 106, Ex 1 Pg 107 - 109, Ex2 Pg 110 - 111, Ex 3 Pg 112 - 114, Ex 4</p>
<p>Area</p> <ul style="list-style-type: none"> • Revision of basic area (rectangle, square, triangle) • Complex Shapes 	<p>3a: Ex 1 P67 - 68 Ex 2 P75 - 76</p>
<p>Better Buys</p>	<p>3b - Pg 15 - 20, Ex 2 - 4</p>