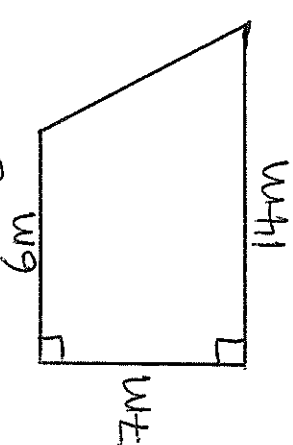
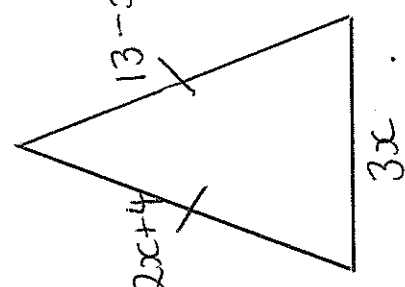
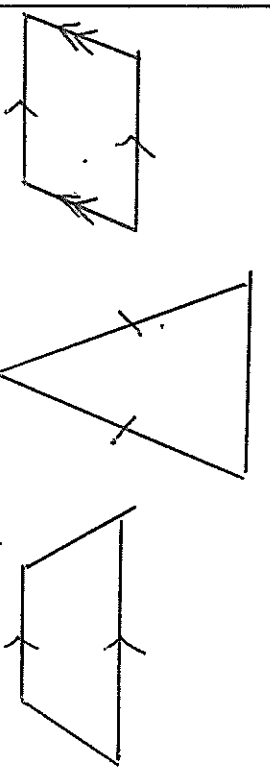


| | | | |
|---|---|--|---|
| <p>Write $\sqrt{98}$ in its simplest form.</p> <p>Write $\sqrt{48}$ in its simplest form.</p> | <p>EOY 7 Revision - Test A</p> <p>Solve.</p> $3y + 8 = 6y - 10$ | <p>Expand and simplify</p> <p>a) $(2x+4)(2x+2)$</p> <p>b) $(3y-2)(2y+4)$</p> | <p>Write 990 as a product of its prime factors.</p> |
| <p>Factorise:</p> $y^2 + 3y - 28$ | <p>Work out the area of the following shape:</p>  | <p>Show that $(n+2)^2 + (n-2)^2$ is always even.</p> | <p>b) Is 323 a term in this sequence? You must give a reason for your answer.</p> |
| <p>Let $x = 0.3$.</p> <p>Work out the value of</p> $\frac{(3-x)^2}{4x}$ <p>Round your answer to 2 significant figures.</p> | <p>Here are the first five terms of an arithmetic sequence:</p> <p>3 7 11 15 19</p> <p>a) Write down an expression for the n^{th} term.</p> | <p>Factorise</p> $x^2 + 9x + 20$ | <p>Factorise fully</p> $10a - 35ab^2$ |
| <p>Write down the reciprocal of 7.</p> |  <p>Work out the perimeter of this triangle.</p> | <p>Factorise fully</p> $24x^2y + 18x^2y^3$ | |

c) Write down the names of these shapes.



NC Work out

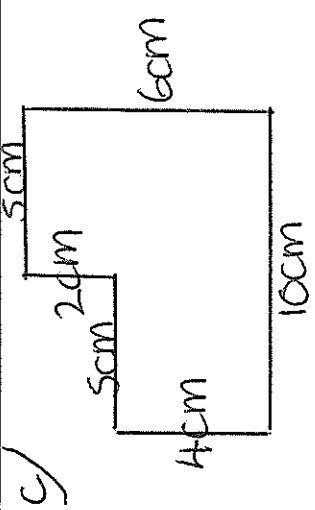
248×23

c) Write 4275 to the nearest 10.

c) a) Write the number five thousand, six hundred and twenty-three in figures.

b) Write down the value of the 7 in the number 68723.

EOY 9 Revision - Test D.



a) Find the perimeter.
b) Find the area.

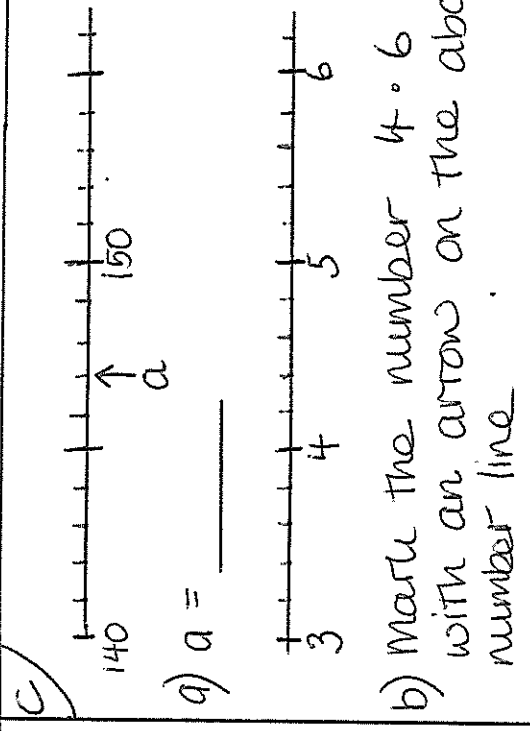
c) Use your calculator to work out:

a) $4 \cdot 2 \times 3 \cdot 5$

b) $\sqrt{1 \cdot 96}$

c) $3 \cdot 7^2$

NC
a) $-6 + 10 =$
b) $-3 - 8 =$



NC
1, 4, 5, 6, 10, 14, 17.
From the list, write down
a) a factor of 12 _____
b) a multiple of 7 _____
c) a prime number that is greater than 10 _____

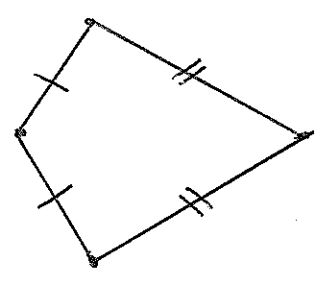
NC Work
 357×19

c)

Pattern 1
Pattern 2
Pattern 3

a) Draw pattern 4.
b) How many dots are needed for pattern 12?

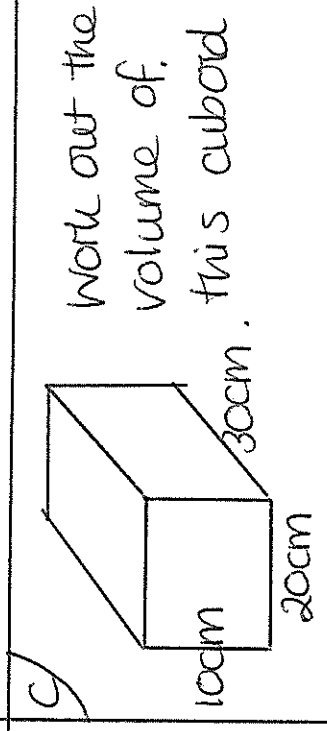
NC Name this shape



c) Use your calculator to work out

$\frac{\sqrt{33 \cdot 64}}{8 \cdot 2 - 2 \cdot 54}$

Write down all the figures on your calculator. You must give your answer as a decimal.



c) a) Write 7 m in cm. _____ cm
b) Write 5 kg in grams _____ g
c) Change 850 ml in litres. _____ l

NC

a) Work out the size of the angle marked x. _____
b) Give a reason. _____