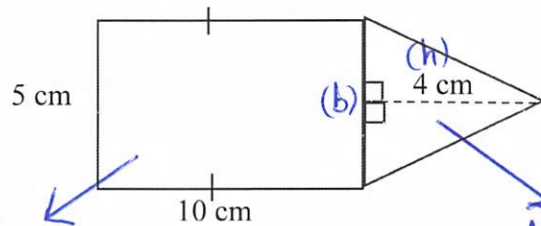


Paper 5- Answers

1. What is the area of the compound shape?

- a. 75 cm^2
- b. 50 cm^2
- c. 60 cm^2
- d. 100 cm^2



$$A = L \times W$$

$$A = 10 \text{ cm} \times 5 \text{ cm}$$

$$A = \underline{50 \text{ cm}^2}$$

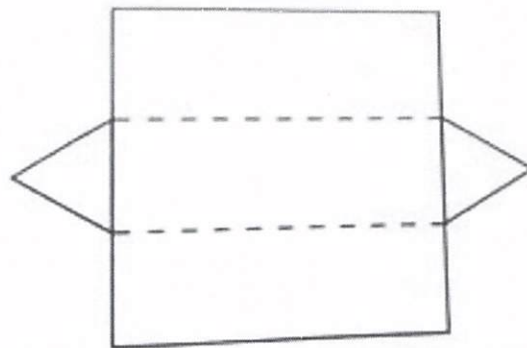
$$A = \frac{b \times h}{2}$$

$$A = \frac{5 \text{ cm} \times 4 \text{ cm}}{2} = \frac{20 \text{ cm}^2}{2}$$

$$A = \underline{10 \text{ cm}^2}$$

2. What is the name of the 3-D shape that can be made from this net?

- a. Square pyramid
- b. Triangular Prism \rightarrow 3 rectangles & 2 triangles
- c. Rectangular Prism
- d. Cube Prism



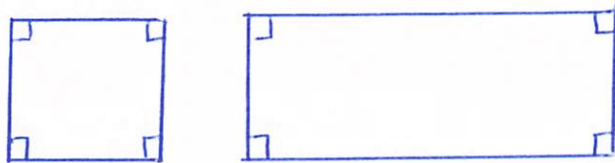
3. In a bag, there are 4 red balls, 5 blue balls and 2 green balls which are identical in all aspects except the colour. What is the probability of a ball drawn from the bag being red?

- a. 5/11
- b. 4/11
- c. 2/11
- d. 7/11

$$\left. \begin{array}{l} R = 4 \\ B = 5 \\ G = 2 \end{array} \right\} \text{ 11 in total.}$$

4. “All the angles in a rectangle and a square are

- a. Acute angle
- b. Obtuse angle
- c. Straight angle
- d. Right angle



5. Simplify $(+3) - (-5)$

- a. +8
- b. -2
- c. +2
- d. -8

→ Rule $(-) \times (-) = +$

$$3 - (-5) = 3 + 5 = 8$$



6. Simplify, $\frac{15}{3} \div \frac{5}{36}$

- a. 25
- b. 2.5
- c. 36
- d. 55

$$\begin{array}{r} 3 \\ \cancel{15} \\ \hline 3 \end{array} \times \begin{array}{r} 12 \\ \cancel{36} \\ \hline 8 \end{array} = \frac{36}{1} = 36$$

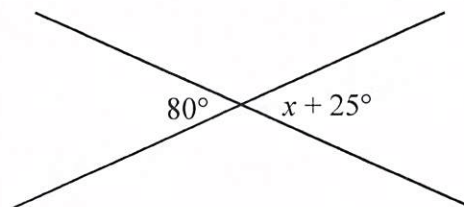
7. Simplify, $\frac{(-12) \times (4)}{(-3) + (5)}$

- a. +24
- b. +16
- c. -24
- d. -16

$$\frac{-12 \times 4}{-3 + 5} = \frac{-48}{2} = -24$$

8. t is the value of x?

- a. 80°
- b. 25°
- c. 55°
- d. 105°



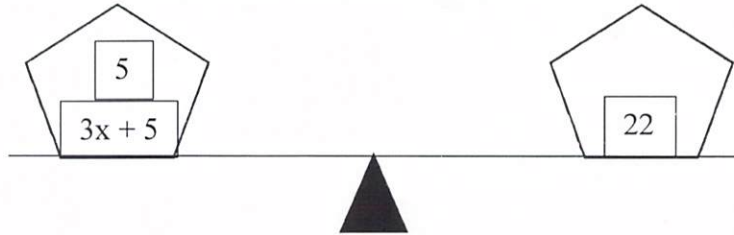
* When two lines intersect, the opposite angles are equal.

$$\begin{array}{r} 80 \\ - 25 \\ \hline 55 \end{array}$$



9. Using the weighing scale shown in the following figure, what is the value of x ?

- a. 6
- b. 4
- c. 3
- d. 2



$$5 + 3x + 5 = 22$$

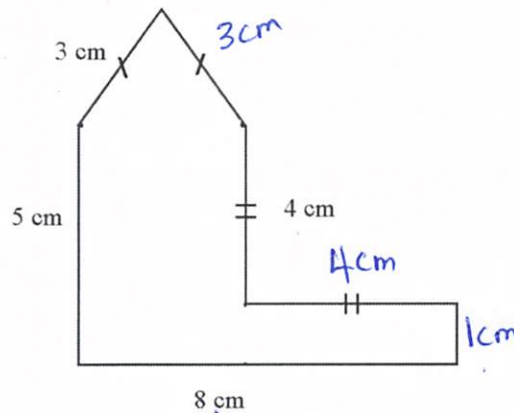
$$3x + 10 = 22$$

$$3x = 22 - 10$$

$$3x = 12 \rightarrow x = \frac{12}{3} = 4$$

10. Find the perimeter of the given figure,

- a. 24 cm
- b. 20 cm
- c. 28 cm²
- d. 28 cm



Perimeter = distance
 around the outside
 of a shape.

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