



**Strathmore
Secondary College**

400 Pascoe Vale Road
Strathmore VIC 3041
Phone: 03 9379 7999
Fax: 03 9379 2812

Year 7 Homework Sheet No. 5

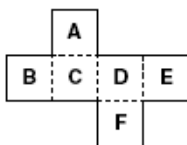
To be completed on loose leaf paper

Due Date: _____

- 1 What is the value of 5 in the number 450 621?
- 2 Subtract 4377 from 7645.
- 3 $49_ + 1264 = 1_61$. The missing digit is _____.
- 4 If I ride my bike for 4 hours and cover a distance of 76 km, I will have covered _____ km each hour.
- 5 Sarah buys 50 litres of petrol at 90 cents per litre. How much will it cost her?
- 6 A year level of 133 students is divided into teams of 7 for an indoor soccer competition. How many students will there be in each team?
- 7 Evaluate: $(7 + 9) \times 2 - 6 \div 2$
- 8 A factory producing light globes employs 17 workers. Each worker can produce 45 light globes per hour. How many globes will the factory produce in an 8-hour day?
- 9 When 19 607 is divided by 7 the answer is ...
- 10 Calculate each of these.
 - a. $5 + -2$
 - b. $-3 + -4$
 - c. $-2 + 2$
 - d. $6 + -5$
 - e. $-5 + 5$
 - f. $4 + -6$
 - g. $-5 + 7$
- 11 Calculate each of these.
 - a. $7 - 5$
 - b. $8 - -2$
 - c. $-4 - 6$
 - d. $-6 - -8$
 - e. $1 - 10$
 - f. $-5 - 5$
 - g. $-8 - -8$
- 12 Calculate these : (Remember to use order of operations)
 - a. $6 + -3 - 2$
 - b. $-9 + (5 - 7)$
 - c. $3 - (8 - -2)$
 - d. $6 + -8 + -5 - 2$
 - e. $4 + (-8 + 10)$
 - f. $16 - (-2 - -6)$

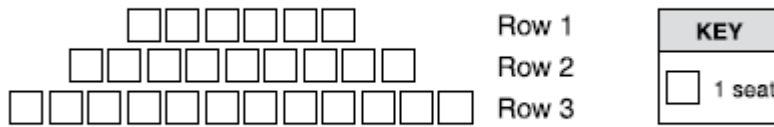
NAPLAN Questions (2009 – Non-Calculator)

- 13 Hannah folds this net to make a cube.



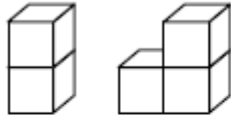
Which face is opposite face C?

- 14 The seating plan for a hall makes this pattern.



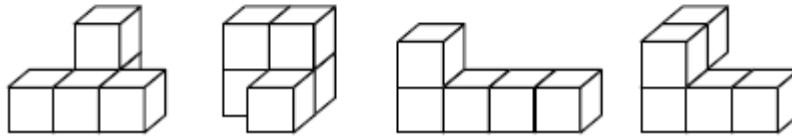
If the pattern continues, how many seats are in Row 6?

- 15 Kevin made these 2 objects by gluing cubes together face-to-face.



He then joined the 2 objects together.

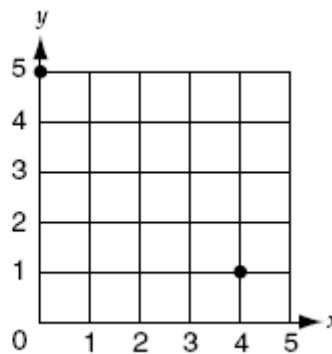
Which object below could **not** be made using Kevin's 2 objects?



- 16 A tin contains 15 green, 10 red, 7 black and 18 white jelly beans.
 Without looking, Jen takes one jelly bean from the tin.

What is the chance that the jelly bean is red?

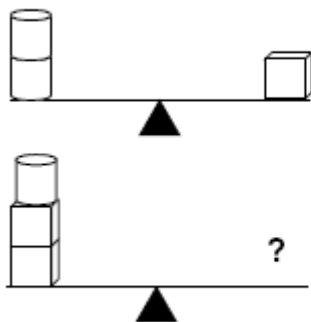
- 17 Max is drawing a square on this grid.
 He has drawn two corner points as shown.



Max makes (4, 5) the third corner.

Where will the fourth corner be?

- 18 The first balance shows that 2 cans have the same mass as 1 block.



How many cans balance 2 blocks and 1 can?