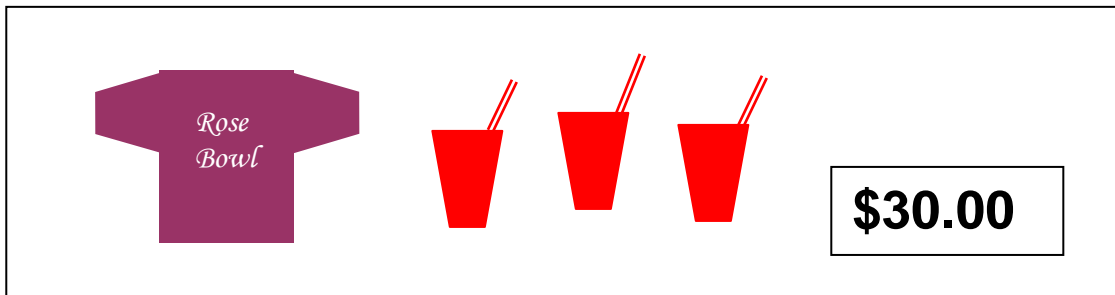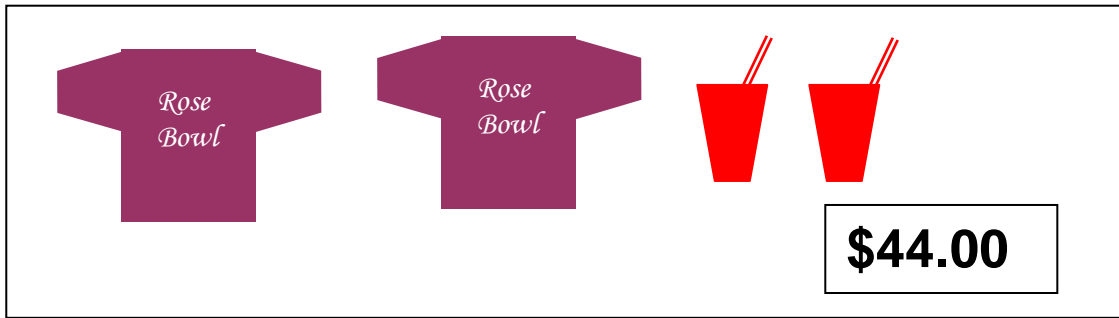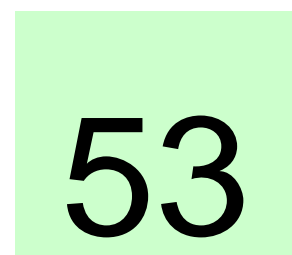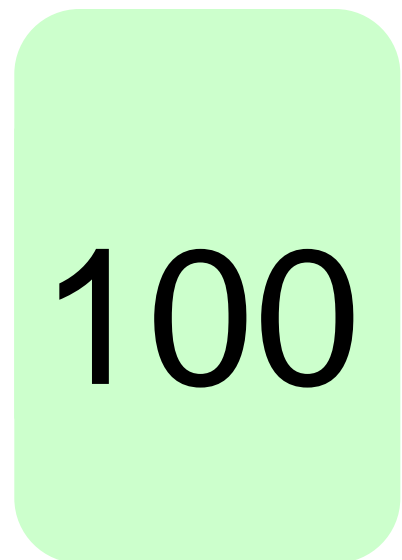# GENERALISING RESOURCES

True or False Cards:

A

$$5 + 2 + 6 = 14 - 1$$

B

$$3.8 + 4.5 = 4.5 + 3.8$$

C

$$\frac{3}{8} - \frac{2}{3} = \frac{2}{3} - \frac{3}{8}$$

D

$$18 \times 27 + 19 = 27 + 19 \times 18$$

E

$$4 \times 5\frac{3}{4} = 5 \times 4 + \frac{3}{4} \times 4$$

F

$$83 \div 83 = 0$$

T-Shirts and Soft-drink Cards

Rose Bowl   Rose Bowl $44.00

Rose Bowl $30.00

Sorting Cards:

53   72   100

53   53

150	9	8
	53	53
71	116	23
53		
127	120	7
53	53	53

97

53

84

53

109

53

15

53

2

53

148

97

53

137

53

156

53

String Cutting Record Sheet:

Number of cuts	0	1	2	3	5		20		n
Number of pieces						21		237	

5a

1

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17 - 8

is an expression for "subtract 8 from 17"

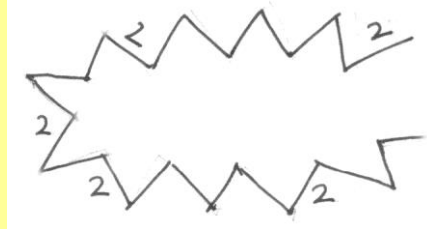**How would you express**

"add 4 to 7n"?

2

What is another expression for:
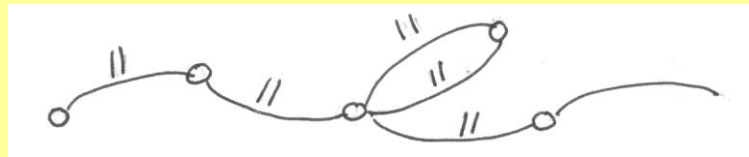
m + m + m + m

3

What can you write for the perimeter of this shape? Part of the shape is not drawn.

There are *n* sides altogether, each of length 2.

A space ship travels in 'stages' that are all the same distance long:

If each 'stage' is 11 light-years long, what could you write for how far the spaceship goes in *y* stages?

What can you write for the area of this rectangle?

$$x + y + z = x + p + z$$

Is this statement true?

Always/Never/Sometimes, when …

2n > n + 2

Is this statement true?

Always / Never / Sometimes, when …