Primary 5
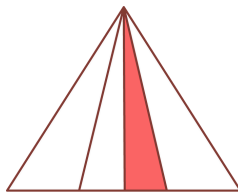## Singapore National Day Worksheet

Spark Math

1 There are 24 red balloons and 56 white balloons. What is the ratio of the number of white to red balloons?
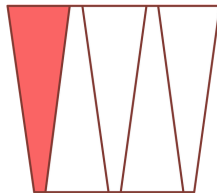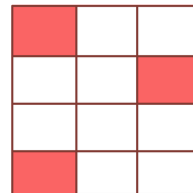
(1) 3:7

(2) 7:3

(3) 3:10

(4) 7:10

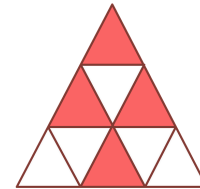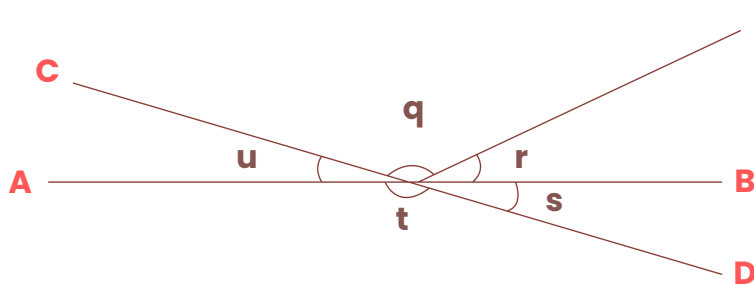**2** Which of the following shows $\frac{1}{4}$ of the figure shaded?

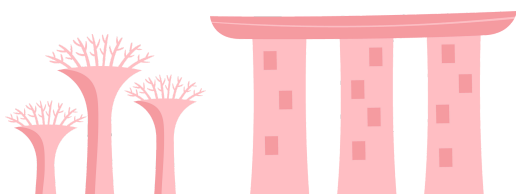(1)　　　　(2)　　　　(3)　　　　(4)

3 In the figure below, AB and CD are straight lines.

Which of the following is true?

(1) $\angle r = \angle u$

(2) $\angle q + \angle r = 180°$

(3) $\angle q + \angle r + \angle s = 180°$

(4) $\angle q + \angle r + \angle s + \angle t = 180°$

4 Printer A prints at a rate of 80 copies in 1 minute while Printer B prints at rate of 300 copies in 5 minutes.

(a) Which printer prints at a faster rate?

(b) By how many more copies does the faster printer print in one minute?

NDP PACK　NDP PACK

59 TOGETHER AS ONE UNITED PEOPLE

Spark Education
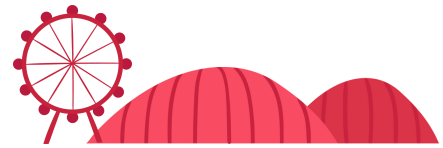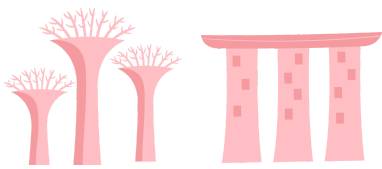
5 The first five figures of a pattern are shown below.

Figure 1   Figure 2   Figure 3   Figure 4   Figure 5

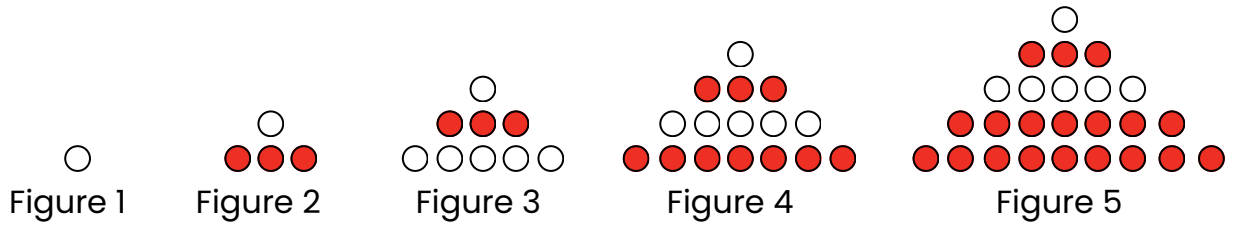The table below shows the number of white and red circles used for each figure.

Figure Number	1	2	3	4	5	6
Number of white circles	1	1	6	6	15	
Number of red circles	0	3	3	10	10	
Number of white and red circles	1	4	9	16	25	

(a) Fill in the table for Figure 6

(b) What is the total number of white and red circles in Figure 50?

6 The brochure below shows the details of a sale in Star Mall.

(a) Benny bought 2 of the same tablets during a sale in Star Mall. The usual price of the tablet was $450. Find the amount of discount he received for both tablets.

(b) Abby bought a smart watch at the sale. The usual price of the smart watch was 40% of the usual price of the tablet. What was the discounted price of the smart watch?

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