

1

6a. Match the statements that mean the same thing.

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| A. 1:2 red counters to blue counters | 1. There are twice as many blue counters as red counters. |
| B. 3:2 red counters to blue counters | 2. For every 2 blue counters, there are 3 red counters.   |
| C. 2:3 red counters to blue counters | 3. For every 2 red counters, there are 3 blue counters.   |

6b. Match the statements that mean the same thing.

|                        |                                                  |
|------------------------|--------------------------------------------------|
| A. 3:7 pens to pencils | 1. There are four times as many pens as pencils. |
| B. 7:3 pens to pencils | 2. For every 7 pens, there are 3 pencils.        |
| C. 1:4 pencils to pens | 3. For every 3 pens, there are 7 pencils.        |

2

8a. Circle the odd one out by matching the ratios to the description.



|       |                               |
|-------|-------------------------------|
| 1:3   | rings to necklaces to watches |
| 1:3:2 |                               |
| 3:2:1 | rings to necklaces            |

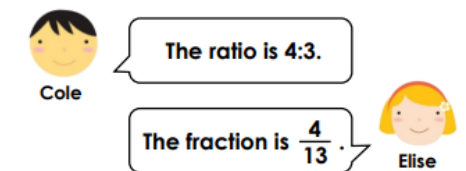
8b. Circle the odd one out by matching the ratios to the description.



|       |                            |
|-------|----------------------------|
| 3:4:1 | spotty to striped          |
| 3:4   |                            |
| 4:3:1 | striped to spotty to plain |

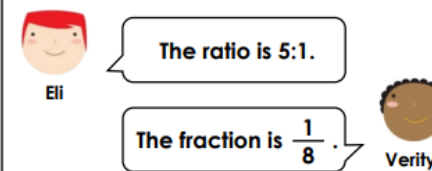
3

5a. Each child's statement is correct.




Explain how this is possible

5b. Each child's statement is correct.




Explain how this is possible

4

6a. In a bag of 10 sweets,  $\frac{3}{5}$  are red. The rest are green or blue.

Write down 3 solutions for the possible ratio of red to blue to green sweets.

Draw counters to support your answers.

6b. In a class of 30 children,  $\frac{2}{3}$  are having sandwiches for lunch. The rest are having cook's choice or jacket potato.

Write down 3 solutions for the possible ratio of jacket potato to sandwiches to cook's choice.

Draw counters to support your answer.