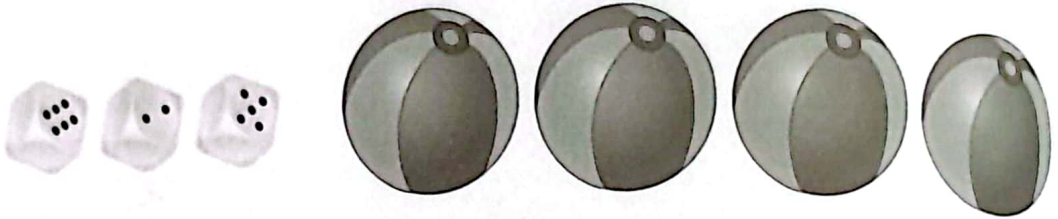


5 Ratio

Name: _____ Class: _____ Date: _____

Worksheet 1 Ratio

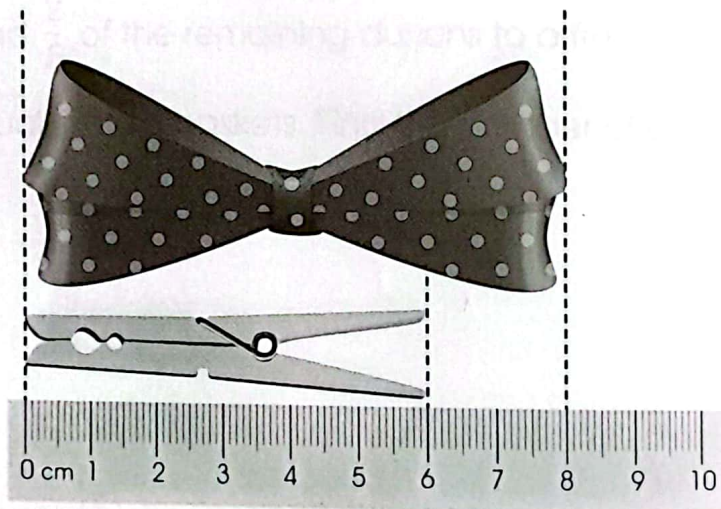
1.



(a) The ratio of the number of dice to the number of balls is :

(b) The ratio of the number of balls to the number of dice is :

2.



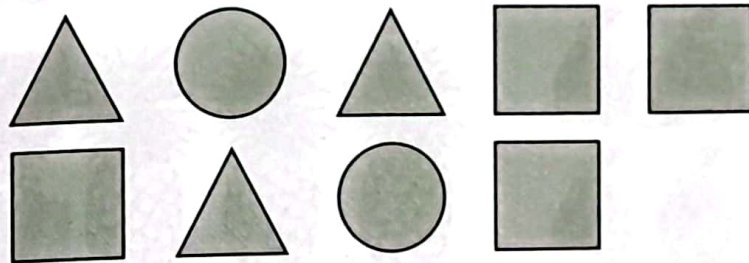
(a) The ratio of the length of the clothes peg to the length of the bow tie is :

(b) The ratio of the length of the bow tie to the length of the clothes peg is :

3. Mr Lee takes 20 minutes to paint a wall while Mr Ho takes 30 minutes to paint a wall of the same size.

- (a) The ratio of the time taken for Mr Lee to paint the wall to the time taken for Mr Ho to paint the wall is : .
- (b) The ratio of the time taken for Mr Ho to paint the wall to the time taken for Mr Lee to paint the wall is : .
- (c) The ratio of the time taken for Mr Lee to paint the wall to the total time taken for Mr Lee and Mr Ho to paint the walls is : .

4. Weiming cuts some shapes as shown.



- (a) The ratio of the number of triangles to the number of squares to the number of circles is : : .
- (b) The ratio of the number of circles to the total number of shapes is : .

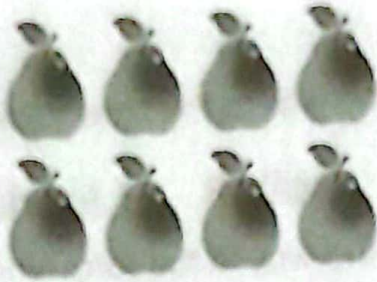
5. The table shows the daily allowance of three children.

Name	Allowance
Siti	\$2
Ann	\$3
Priya	\$1

- (a) The ratio of Siti's allowance to Ann's allowance to Priya's allowance is : : .
- (b) The ratio of Priya's allowance to Ann's allowance to Siti's allowance is : : .

Worksheet 2 Equivalent Ratios

1. (a)



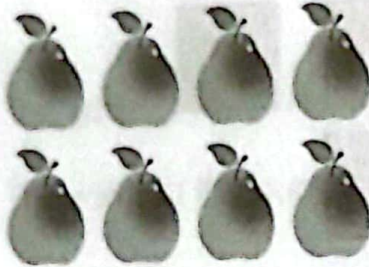
Pears



Pineapples

The ratio of the number of pears to the number of pineapples is :

(b) Circle the fruits in sets of 2.



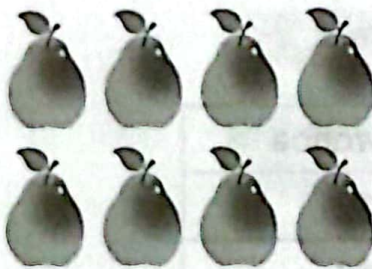
Pears



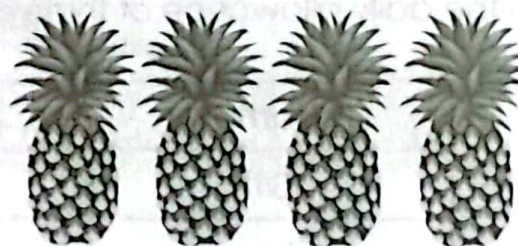
Pineapples

The ratio of the number of sets of pears to the number of sets of pineapples is : .

(c) Circle the fruits in sets of 4.



Pears



Pineapples

The ratio of the number of sets of pears to the number of sets of pineapples is : .

(d) As the number of pears and pineapples do not change in all three cases, the equivalent ratios are

$$\square : \square = \square : \square = \square : \square$$

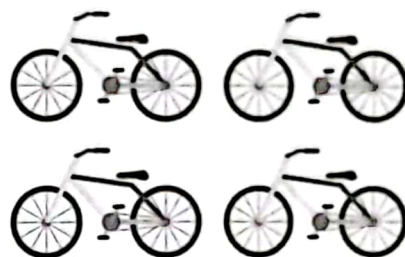
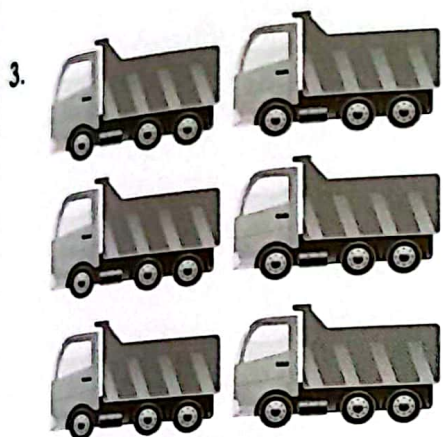


Cans

Bottles

The ratio of the number of cans to the number of bottles is 3 :

The ratio can also be expressed in its simplest form as :



Trucks

Cars

Bicycles

The ratio of the number of trucks to the number of cars to the number of bicycles is : 2 :

The ratio can also be expressed in its simplest form as : :

4. Fill in the missing numbers.

(a) $2 : 3 = \square : 12$

(b) $\square : 4 = 12 : 48$

(c) $1 : 2 : 4 = \square : 10 : \square$

(d) $\square : 3 : 7 = 8 : \square : 14$

5. Find the simplest form of each of the following ratios.

(a) $5 : 15 = \square : \square$

(b) $12 : 6 = \square : \square$

(c) $27 : 30 = \square : \square$

(d) $3 : 27 : 12 = \square : \square : \square$

(e) $4 : 12 : 6 = \square : \square : \square$

(f) $42 : 12 : 21 = \square : \square : \square$