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COMPARING RATIOS WORKSHEET-IV

1) Compare the ratios given below.

a. $2 : 3$ and $3 : 5$

b. $2 : 7$ and $1 : 11$

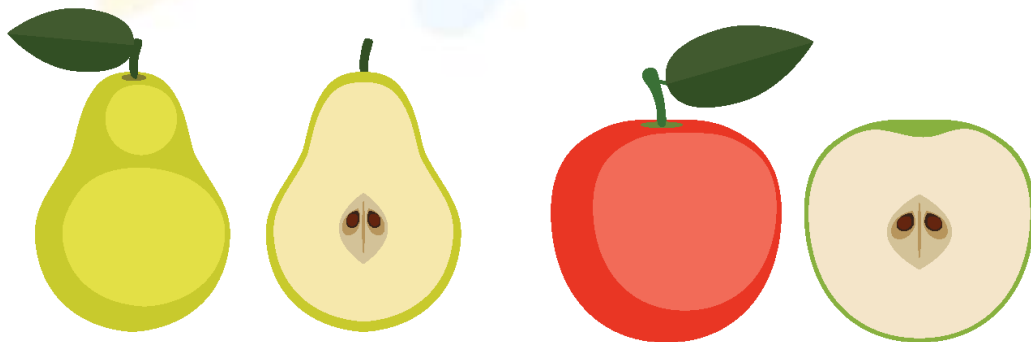
2) Anna has 4 yellow and 5 pink ribbons. While her friend Maya has 7 yellow and 3 pink ribbons. Who has the greater ratio of yellow/pink ribbons.



3) Write the following ratios in ascending order.

$11 : 36$, $2 : 9$ and $7 : 6$

4) Tom has 9 apples and 18 pears. Peter has 7 apples and 21 pears. Who has a greater ratio of apples to pears?



5) Fill in the box with $<$, $>$, or $=$.

a) $1 : 5$ $4 : 11$

b) $2 : 3$ $1 : 15$

6) Compare the ratios depicted in 1) and 2) in the following figure:



1)



2)

Use the following information to answer Q.7 and Q.8.

From a birthday party Tim got some sweet treats which included 7 chocolates and 4 candies.

7) What is the ratio of chocolates to the total number of sweet treats that Tim has?

8) What is the ratio of chocolates to candies that Tim has?



9) If $a : b$ is a ratio, then $b : a$ is known as

- a) Reciprocal ratio
- b) Inverse ratio
- c) Compound ratio
- d) None of the above

10) Which of the following ratios is the largest.

- a) $1 : 6$
- b) $7 : 3$
- c) $9 : 10$
- d) $4 : 5$

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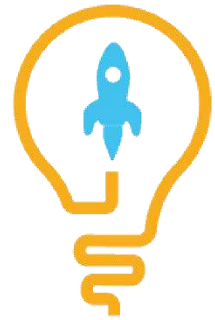
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**ANSWERS**

1)	$a) > b) >$
2)	Maya
3)	$(2 : 9) < (11 : 36) < (7 : 6)$
4)	Tom
5)	$a) < b) >$
6)	Ratios depicted in: 1) $5 : 7$ 2) $4 : 9$ $1) > 2)$
7)	$7:11$
8)	$7:4$
9)	b)
10)	b)

FUN FACT

The ratio of carbon to oxygen in carbon dioxide is 2.66 : 1.

A ratio between two or more quantities is a way of measuring their sizes compared to each other.

Ratio of water and land on the earth is 29 : 71.

