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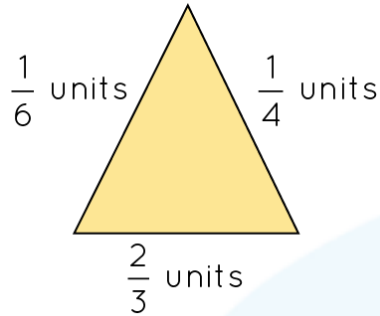
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COMPARING FRACTIONS WORKSHEET-II

1) Which of the three sides of the triangle is smallest?



2) Arrange the following in ascending order

$$\frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{2}{3}$$

3) Compare : $1\frac{1}{3}$ and $\frac{15}{12}$

4) Jenny took one third of an hour to read a book, two third of 3 hours to bake a cake and half of a couple of an hour to play a video game. For which activity did she spent most of her time?

5) Which of the following statements is/are true?

- a) An improper fraction is always greater than a proper fraction.
- b) A proper fraction is always greater than 1.
- c) 1 is greater than a proper fraction.

6) Are the two expressions equal? $\frac{2}{3} + \frac{1}{3}$ and $\frac{7}{6} - \frac{1}{6}$?

7) State whether true or false: $4\frac{1}{3} > \frac{8}{2}$

8) To reach to his workplace Jack has to travel $2\frac{3}{4}$ miles by train and $1\frac{1}{4}$ mile by bus. George, on other hand has to travel $3\frac{1}{3}$ miles by train and 1 mile by bus. Who has to cover more distance to reach the office?

9) The sum of $\frac{1}{4}$ and $\frac{1}{3}$ is greater than the fraction given below. Is the statement true? Justify your answer.



10) Fill in the box with correct symbol: $<$, $>$, $=$:

$$\frac{100}{20} \quad \boxed{} \quad \frac{200}{5}$$

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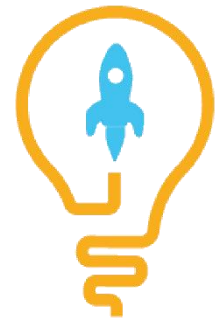
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ANSWERS

1)	1/6 units
2)	$\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{2}{3}$
3)	$\frac{15}{12} = 1\frac{1}{4}$ So, $1\frac{1}{3} > \frac{15}{12}$
4)	Maximum time taken: to bake a cake (2 hours)
5)	Option a and c
6)	Yes, both equals 1
7)	True, as $\frac{8}{2} = 4$ and $4\frac{1}{3} > 4$
8)	Distance (Jack) = $2\frac{3}{4} + 1\frac{1}{4} = 4$ miles Distance (George) = $3\frac{1}{3} + 1 = 4\frac{1}{3}$ miles George travelled more.
9)	$\frac{1}{4} + \frac{1}{3} = \frac{7}{12}$ Given fraction = $\frac{2}{8}$ $\frac{7}{12} > \frac{2}{8}$
10)	<

FUN FACT

1. To find equivalent fractions, multiply the numerator and denominator by the same number.
2. To compare two fractions, we can do cross multiplication and compare their numerators.
3. If two fractions have same numerator, then the fraction that has greater denominator is smaller.

