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COMPARING AND ORDERING FRACTIONS WORKSHEET-IV

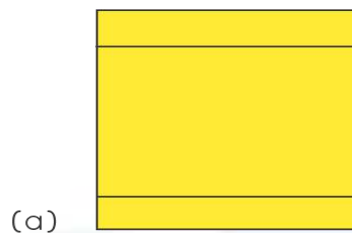
1) Select the greatest fraction among the following:

$$\frac{1}{8}, \frac{1}{4} \text{ and } \frac{2}{6}$$

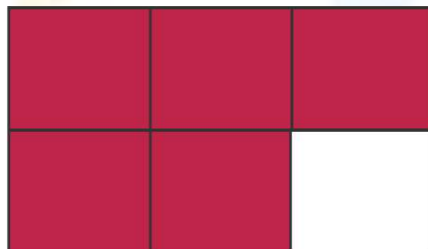
2) Fill in the box with correct symbol: $<$, $>$, $=$

$$\frac{1}{8} + \frac{1}{4} \quad \boxed{\text{blue}} \quad \frac{1}{3} + \frac{1}{6}$$

3) Circle the shape that is divided into unequal parts.



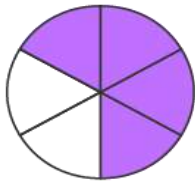
4) Which of the following options is equal to the fraction represented by given shaded region:



(a) $\frac{2}{4}$ (b) $\frac{4}{5}$ (c) $\frac{5}{6}$

5) Check whether the sum of $\frac{1}{5}$, $\frac{3}{5}$ and $\frac{1}{4}$ is greater than a whole or not?

6) Which of the following figures has the largest shaded area? Represent the shaded area in terms of fractions for it.



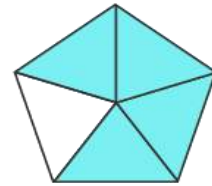
(a)



(b)



(c)



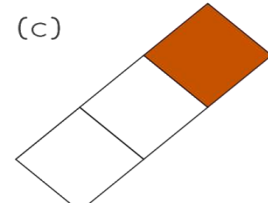
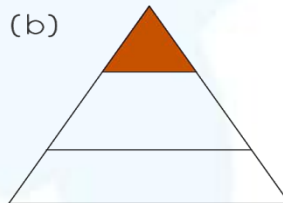
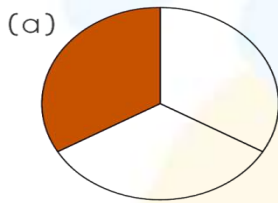
(d)

7) Arrange the following in descending order:

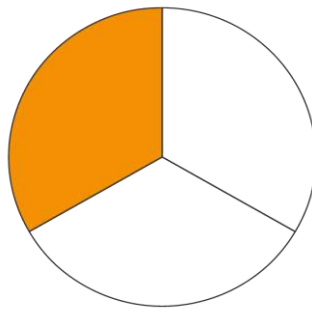
$$3\frac{1}{4}, 1\frac{1}{2}, \frac{1}{10}, 3\frac{1}{2}$$

8) In a school, Ms. Ashley's class has 15 boys and 6 girls, while Mr. Ben's class has 14 girls and 10 boys. Whose class has higher girl to boy ratio?

9) Tick the figure indicating the smallest fraction among the three.



10) Which of the following fractions is equal to the fraction represented by given figure:



a) $\frac{1}{3}$ b) $\frac{2}{9}$ c) $\frac{2}{3}$ d) $\frac{1}{2}$

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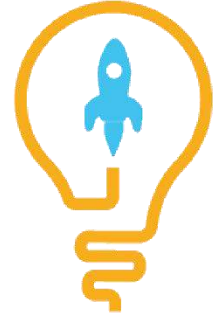
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**ANSWERS**

1)	$\frac{2}{6}$
2)	<
3)	a)
4)	c)
5)	$\frac{1}{5} + \frac{3}{5} + \frac{1}{4} = 1\frac{1}{20}$ which is greater than 1 (whole).
6)	d) $\frac{4}{5}$
7)	$3\frac{1}{2} > 3\frac{1}{4} > 1\frac{1}{2} > \frac{1}{10}$
8)	Mr. Ben's class
9)	All are equal. Tick all.
10)	a)

FUN FACT

1. To compare two or more fractions, find the LCM of denominators and convert them into equivalent fractions.
2. If two fractions have same numerator, then the fraction that has greater denominator is smaller.
3. 1 is greater than every proper fraction.

