Year 4 Homework Answer

Module 12: Introduction to equivalent fractions

1.

$\dfrac{2}{4}$	$\dfrac{3}{6}$
$\dfrac{4}{6}$	$\dfrac{6}{8}$
$\dfrac{4}{10}$	$\dfrac{10}{12}$

2.

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{4} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12} = \frac{7}{14} = \frac{8}{16}$$

3.

N/A

You should know the area of three questions are the same

4.

N/A

Convert all fractions in to same denominator.

5.

a) $\dfrac{2}{9} = \dfrac{8}{36} = \dfrac{10}{45}$

b) $\dfrac{1}{7} = \dfrac{3}{21} = \dfrac{9}{63}$

c) $\dfrac{3}{4} = \dfrac{15}{20} = \dfrac{30}{40}$

d) $\dfrac{1}{5} = \dfrac{7}{35} = \dfrac{50}{250}$

e) $\dfrac{3}{18} = \dfrac{6}{36} = \dfrac{1}{6}$

f) $\dfrac{4}{9} = \dfrac{24}{54} = \dfrac{12}{27}$

g) $\dfrac{4}{12} = \dfrac{48}{144} = \dfrac{1}{3}$

h) $\dfrac{3}{8} = \dfrac{27}{72} = \dfrac{6}{16}$

6.

    a) $>$ b) $<$ c) $=$

    d) $>$ e) $<$ f) $>$

    g) $>$ h) $<$ i) $=$

7.

$1 - \frac{1}{6} - \frac{2}{5} = \frac{13}{30}$ of the money kept

8.

$1 - \frac{1}{3} - \frac{1}{6} = \frac{1}{2}$

Half of $\frac{1}{2} = \frac{1}{4}$

9.

$1 - \frac{3}{6} - \frac{1}{4} = \frac{1}{4}$ of the guest are classmates

10.

Compare $\frac{5}{6}$ and $\frac{2}{15}$ by convert the denominator into same number

$\frac{5}{6} > \frac{2}{15}$

Therefore, freestyle was more popular

11.

$\frac{3}{8} < \frac{3}{6}$

Therefore, Edward eats more.

12.

$14 - 5 - 1 = 8$ days

$\frac{8}{14}$ of the holiday are camping

13.

$$1 - \frac{5}{12} - \frac{1}{8} = \frac{11}{24}$$

14.

N/A