

Year 5 Homework Answer

Module 15: Proper, improper and mixed fractions

1.

Proper fractions	Improper fractions	Mixed fractions
$\frac{3}{5}, \frac{7}{8}, \frac{19}{20}, \frac{1}{2}, \frac{11}{12}, \frac{14}{17}, \frac{1}{5}, \frac{13}{14}, \frac{1}{7}$	$\frac{10}{7}, \frac{21}{19}, \frac{13}{8}, \frac{16}{7}, \frac{35}{18}$	$7\frac{11}{12}, 1\frac{1}{4}, 11\frac{2}{3}, 2\frac{7}{9}, 16\frac{2}{9}, 3\frac{5}{6}$

2.

a) 1, 2, 3, 4, 5

b) x must larger than or equal to 5 ($x \geq 5$)

c) 6, $1\frac{1}{5}$ (answer may vary)

d) 1, 2, 3, 4 (answer may vary)

3.

a) $2\frac{3}{4}$

b) $7\frac{1}{2}$

c) $2\frac{10}{12}$

d) $7\frac{3}{42}$

e) $4\frac{12}{22}$

f) $1\frac{2}{5}$

g) $1\frac{2}{11}$

h) $3\frac{2}{4}$

i) $1\frac{2}{4}$

j) $2\frac{1}{2}$

k) $1\frac{13}{14}$

l) $11\frac{2}{11}$

4.

$$\frac{22}{8} = 2\frac{6}{8}$$

$$\frac{14}{4} = 3\frac{2}{4}$$

$$\frac{8}{5} = 1\frac{3}{5}$$

5.

a) $\frac{25}{6}$

b) $\frac{27}{15}$

c) $\frac{46}{3}$

d) $\frac{25}{7}$

e) $\frac{26}{5}$

f) $\frac{26}{7}$

g) $\frac{35}{3}$

h) $\frac{31}{2}$

i) $\frac{13}{3}$

j) $\frac{37}{5}$

k) $\frac{101}{10}$

l) $\frac{51}{8}$

6.

- a) = b) > c) =
d) < e) < f) <
g) < h) = i) =
j) < k) = l) >

7.

N/A

8.

BETWEEN 0 AND 1	LARGER THAN 1
$\frac{5}{9} \frac{11}{18} \frac{2}{5} \frac{17}{18} \frac{5}{6} \frac{1}{2} \frac{3}{4} \frac{14}{15} \frac{11}{15} \frac{7}{8} \frac{9}{11}$	$\frac{11}{3} \frac{4}{3} \frac{12}{8} \frac{13}{9} \frac{10}{3} \frac{5}{4} 1 \frac{3}{5} \frac{14}{11} 2 \frac{5}{6}$

9.

Compare the two fractions, $\frac{4}{3}$ is larger

10.

$$\frac{19}{3}$$

11.

Compare the two fractions, $\frac{11}{3}$ is larger

12.

$$5 - \frac{5}{3} - \frac{3}{2} = \frac{11}{6}$$

13.

Compare the three fractions, $\frac{14}{5}$ is the largest

14.

Compare the three fractions, $\frac{8}{5}$ is the largest

15.

Compare the three fractions, $\frac{13}{4}$ is the largest
 $\frac{13}{4} + \frac{14}{8} + \frac{11}{9} = \frac{56}{9} \text{ hours}$

16.

$\frac{16}{5}$ days

17.

$2\frac{6}{8}$

18.

$\frac{59}{15}$ days