

Year 5 Homework Answer

Module 14: Fraction addition and subtraction

1.

$$\frac{2}{4} + \frac{1}{3} = \frac{6}{12} + \frac{4}{12} = \frac{10}{12}$$

2.

a) $\frac{21}{28} + \frac{20}{28} = \frac{41}{28}$

b) $\frac{17}{34} + \frac{4}{34} = \frac{21}{34}$

c) $\frac{21}{24} - \frac{8}{24} = \frac{13}{24}$

d) $\frac{12}{15} + \frac{10}{15} = \frac{22}{15}$

e) $\frac{8}{12} + \frac{6}{12} = \frac{14}{12} = \frac{7}{6}$

f) $\frac{28}{35} - \frac{5}{35} = \frac{23}{35}$

g) $\frac{44}{60} - \frac{15}{60} = \frac{29}{60}$

h) $\frac{21}{30} - \frac{10}{30} = \frac{11}{30}$

3.

a) <

b) >

c) <

d) <

e) >

f) <

g) >

h) <

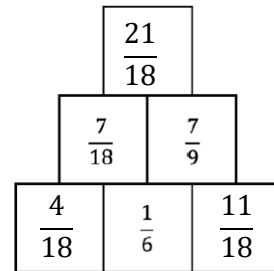
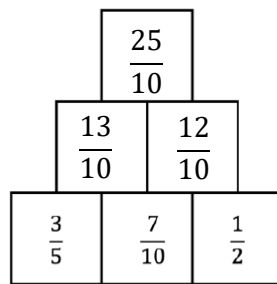
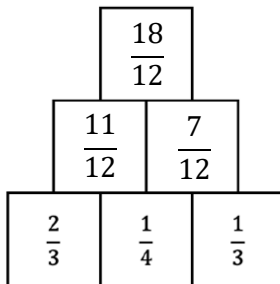
i) <

j) >

k) >

l) >

4.



5.

a = 1

b = $\frac{14}{17}$

c = $\frac{4}{7}$

d = $\frac{9}{10}$

e = $\frac{13}{18}$

f = $\frac{2}{9}$

g = $\frac{5}{6}$ or $\frac{20}{24}$

h = $\frac{1}{24}$

i = $\frac{5}{12}$

6.

$\frac{10}{15}$	$\frac{5}{15}$	$\frac{19}{30}$
$\frac{29}{60}$	$\frac{37}{30}$	$\frac{133}{120}$ or $\frac{266}{240}$

7.

a) $\frac{40}{30}$

b) $\frac{45}{24}$

c) $\frac{17}{24}$

d) $\frac{1}{15}$

e) $\frac{19}{36}$

f) $\frac{31}{24}$

8.

$\frac{25}{18}$	$\frac{7}{30}$
$\frac{7}{18}$	$\frac{14}{30}$
$\frac{11}{9}$	$\frac{4}{10}$
$\frac{2}{9}$	$\frac{4}{10}$
$\frac{19}{24}$	$\frac{10}{30}$
$\frac{8}{24}$	$\frac{1}{30}$
$\frac{1}{24}$	$\frac{15}{30}$
$\frac{20}{24}$	$\frac{19}{30}$

9.

$$\frac{6}{9} = \frac{2}{3} \text{ km}$$

10.

$$\frac{13}{12} \text{ hours}$$

11.

$$\frac{1}{12} \text{ bags}$$

12.

$$\frac{19}{9} \text{ kg}$$

13.

$$\frac{4}{9}$$

14.

$$\frac{19}{12} \text{ cups}$$

15.

$$\frac{12}{17}$$

16.

$$1 \text{ cup}$$

17.

$$\frac{3}{14} \text{ games are lost}$$

18.

$$\frac{16}{9} \text{ hours}$$

19.

$$\frac{1}{12} \text{ tub was left}$$

20.

$$\frac{12}{12} \text{ bottles}$$

21.

$\frac{1}{24}$ of her time will be left

22.

$$\frac{20}{36} = \frac{5}{9}$$