

Year 6 Homework Answers

Module 3: Fraction division

1.

| | |
|---|---|
| 5; 10; $\frac{1}{2}$ | $\frac{17}{12}$; $\frac{4}{6}$; $\frac{8}{17}$ |
| $\frac{4}{7}$; $\frac{2}{14}$; 4 | $\frac{2}{3}$; $\frac{8}{7}$; $\frac{16}{21}$ |
| $\frac{1}{6}$; $\frac{4}{9}$; $\frac{8}{3}$ | $\frac{4}{5}$; $\frac{11}{12}$; $\frac{55}{48}$ |
| $\frac{5}{6}$; $\frac{12}{11}$; $\frac{10}{11}$ | $\frac{14}{15}$; $\frac{3}{7}$; $\frac{45}{98}$ |
| $\frac{4}{5}$; $\frac{15}{12}$; 1 | $\frac{5}{8}$; $\frac{2}{1}$; $\frac{5}{4}$ |

2.

| | | |
|----------------|-----------------|----------------|
| $\frac{3}{10}$ | $\frac{1}{14}$ | $\frac{1}{6}$ |
| $\frac{2}{11}$ | $\frac{3}{5}$ | $\frac{2}{17}$ |
| $\frac{2}{15}$ | $\frac{26}{45}$ | $\frac{1}{5}$ |
| $\frac{1}{2}$ | $\frac{5}{26}$ | $\frac{2}{65}$ |

3.

| | | |
|----------------|----------------|-----------------|
| $\frac{1}{14}$ | $\frac{2}{15}$ | $\frac{1}{110}$ |
| $\frac{1}{10}$ | $\frac{1}{60}$ | $\frac{1}{30}$ |
| $\frac{2}{7}$ | $\frac{4}{35}$ | $\frac{1}{20}$ |
| $\frac{1}{18}$ | $\frac{1}{12}$ | $\frac{1}{36}$ |

4.

| |
|--------------------|
| a) $\frac{3}{4}$ |
| b) $\frac{2}{3}$ |
| c) $\frac{1}{4}$ |
| d) $\frac{6}{5}$ |
| e) $\frac{16}{27}$ |

c) < e) < b) < a) < d)

5.

| | | |
|---------|---------|---------|
| $10/11$ | $14/23$ | $17/7$ |
| 2 | $24/5$ | $27/31$ |
| $23/9$ | $5/4$ | $28/17$ |

6.

| | | |
|--------|---------|---------|
| $2/5$ | $32/9$ | $17/98$ |
| $1/6$ | $2/5$ | $19/25$ |
| $1/40$ | $19/42$ | $3/32$ |

7.

| | |
|-------|---------|
| 14 | $32/21$ |
| $6/5$ | 1 |
| 81 | $8/15$ |

8.

$5/4$ metres

9.

Max: 12 blocks

Charlie: 11 blocks

10.

6 lessons

11.

14 cupcakes

12.

$\frac{1}{2}$ hours

13.

16 cups

14.

$\frac{5}{32}$ of the rest pieces

15.

9 packs

16.

$\frac{9}{10}$ kilograms

17.

$\frac{1}{8}$ kilograms

18.

$\frac{2}{3}$ hours each session