

Grade 6 Chapter 12 Chapter Review

Answers

8→ 1. $\frac{2}{5}$, $\frac{4}{5}$, $1\frac{1}{5}$, $1\frac{1}{2}$, $\frac{7}{2}$, Gab has the most compost.

8→ 2. a) 0.8 b) 1.5 c) 1.875 d) 1.4

8→ 3. a) $\frac{9}{10}$ b) $\frac{3}{4}$ c) $\frac{7}{5}$ d) $2\frac{7}{20}$

8→ 4. a) 2 : 3 b) 5 : 6

8→ 5. Pears to apples = 6 : 5; apples to pears = 5 : 6; pear trees to fruit trees = 6 : 11; fruit trees to pear trees = 11 : 6; apple trees to fruit trees = 5 : 11; fruit trees to apple trees = 11 : 5

8→ 6. a) 5 : 2

nuts	10	20	5	30	25	15
pretzels	4	8	2	12	10	6

c) She needs 45 cups of nuts.

8→ 7. 40% or the roses are white.

8→ 8. a) 5 : 4

b) Jennifer's height at age 7 was 80% of her present height.

8→ 9. a)

Continent	Fraction	Decimal	Percent
Asia	$\frac{33}{100}$	0.33	33%
Africa	$\frac{22}{100}$	0.22	22%
Europe	$\frac{8}{100}$	0.08	8%
North America	$\frac{18}{100}$	0.18	18%
Australia	$\frac{3}{50}$	0.06	6%
South America	$\frac{13}{100}$	0.13	13%

b) Australia, Europe, South America, North America, Africa, Asia

8→ 10. There were 100 bags altogether.

8→ 11. The slug is the slowest.

8→ 12. He must add 12 parts of gold.