

Pre-Algebra Set 11 Answers 2019 Version 1.0

1. a) $\frac{4}{3}$ b) 12 c) $\frac{1}{3}$ d) $\frac{8}{21}$ e) $\frac{9}{97}$

2. a) 2 terms b) 2 terms c) 1 term d) 3 terms

3. a) -18 b) 33.1 c) 27 d) 50

4. a) 12 b) 2 c) 6 d) 3 e) 2

5. a) Yes it makes sense. Explain why. b) $2j + 3k$ c) 23 ft d) 12 ft

6. a) 15 b) $916\frac{4}{9}$ c) $334\frac{5}{24}$ d) 10 e) $13\frac{1}{3}$

7. Mean = 4, Range = 14, Median = 3

8. a) $\frac{4}{52}$ or $\frac{1}{13}$ b) $\frac{48}{52}$ or $\frac{12}{13}$ c) $\frac{1}{52}$

9. a) $1.29 \triangle 129\%$ b) $0.007 \triangle 0.7\%$ c) $83.\bar{3}\% \triangle 83\frac{1}{3}\%$ d) $0.035 \triangle 3.5\%$
 $1.29 \triangle 1\frac{29}{100}$ $0.7\% \triangle \frac{7}{1000}$ $83.\bar{3}\% \triangle 0.8\bar{3}$ $0.035 \triangle \frac{3.5}{100}$ or $\frac{35}{1000}$

e) $0.\bar{25}$, $\frac{25}{99}$, $25.\bar{25}\%$

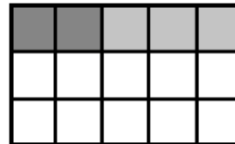
10. a) 11 b) 35 c) 14 d) 62

11. One possible expression is $3 \cdot 8 + 6 - 2 = 28$. You should have two more expressions with the same numbers (2, 3, 6, 8), but different answers.

12. a) 110 songs b) 84 shoes c) 5 miles

13. a) Many ways to draw $\frac{2}{5}$ of $\frac{1}{3}$. Here's one way.

b) $\frac{2}{5} \cdot \frac{1}{3}$ or $\frac{1}{3} \cdot \frac{2}{5}$ c) $\frac{2}{15}$



14. \$650