


WRITTEN PRACTICE ANSWERS

- 1** ; $66\frac{2}{3}$.
- 2** B
- 3** D
- 4** 448 miles; sample: use compatible numbers; $15 \times 30 = 450$.
- 5** $\frac{7}{4}$
- 6** No; sample: there is only 1 sandwich, and the sum of $\frac{5}{6}$ and $\frac{1}{3}$ is greater than 1.
- 7** 24
- 8** a. $\frac{1}{3}$
b. $\frac{1}{3}$
- 9** 10 cm
- 10** 74.315
- 11** 2
- 12** 0.0375
- 13** 22.8
- 14** 750
- 15** \$2.03
- 16** 184
- 17** $6\frac{4}{5}$
- 18** 9
- 19** 32
- 20** $\frac{1}{2}$
- 21** $\frac{3}{5}$
- 22** a. 30%
b. 70%
- 23** a. $\frac{3}{5}$
b. $\frac{7}{10}$
- 24** a. 9 inches
b. 72 sq. in.
c. 81 sq. in.
- 25** $16\frac{2}{3}\%$
- 26** 5; sample: double 7 is 14 and double 8 is 16, so double $7\frac{1}{2}$ is 15, and $15 \div 3$ is 5.
- 27** 19°
- 28** $1\frac{1}{2}$ hours

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29 Sample: Use rounding and compatible numbers; since $11\frac{3}{8}$ rounds to 11, $8\frac{3}{4}$ rounds to 9, and the product of 11×9 is about 100, a reasonable estimate is 100×4 , or about 400 cubic inches.

30 a. 9 sq. cm; 36 sq. cm

b. 45 sq. cm

Early Finishers:

a $(78 + 12) \times (36 + 21) =$
5130 sq. ft