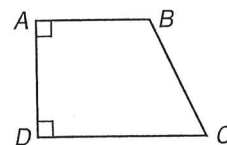SHOW YOUR WORK

Name: _Key_

1. Class starts at 8:30 a.m. It takes Russ 25 minutes to bicycle to school. At what time should he start for class if he wants to get there 15 minutes early? 7:50 a.m.

2. Write the fraction $\frac{8}{5}$ as a mixed number. $= 1\frac{3}{5}$

3. Reduce $\frac{36}{48}$. $= \frac{3}{4}$

4. A gallon of milk is how many pints of milk? = 8 pints

5. Which segment in quadrilateral $ABCD$ is parallel to segment AB? $\overline{DC}$

6. Which angle in quadrilateral $ABCD$ appears to be an obtuse angle? $\angle ABC$

7. A volleyball is an example of a:

   A. Cylinder   B. Sphere   C. Pyramid   D. Rectangular solid

8. What number is $\frac{4}{7}$ of 21? = 12

9. (a) Find the greatest common factor (GCF) of 18 and 32. = 2

   (b) Use the GCF of 18 and 32 to reduce $\frac{18}{32}$. $= \frac{9}{16}$

10. Write a fraction equal to $\frac{3}{4}$ that has a denominator of 8. $= \frac{6}{8}$

11. $7.40 + $8 + 68¢ $16.08

12. 24,896 − 8,934 = 15,962

13. 718 × 170 = 122,060

14. 9)$53.01 $5.89

15. $\frac{6}{7} \times \frac{1}{5}$ $= \frac{6}{35}$

16. $\frac{2}{3} \times 4$ $= 2\frac{2}{3}$

17. $\frac{2}{3} \div \frac{2}{3}$ = 1

Solve and reduce:

18. $\frac{11}{12} - \frac{7}{12}$ $= \frac{1}{3}$

19. $1\frac{5}{9} + 3\frac{1}{9}$ $= 4\frac{2}{3}$

20. What is the perimeter of this square? 32 mm

mm 10   20

Math 65 by Hake and Saxon