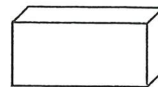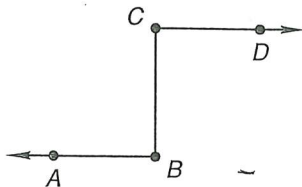1. A brick has how many faces? 6

2. Find the least common multiple of 4 and 14. 28

3. In the drawing, $\angle ABC$ and $\angle BCD$ are right angles. Which (segment) is parallel to segment CD?
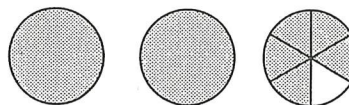
$\overline{AB}$

4. Write a reduced fraction equal to 35%. $\dfrac{35}{100} = \dfrac{7}{20}$

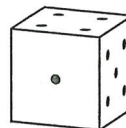5. Name the number of shaded circles
   (a) as an improper fraction. $\dfrac{17}{6}$
   (b) as a mixed number. $= 2\dfrac{5}{6}$

6. What is the probability of rolling a number less than 5 with one toss of a number cube?
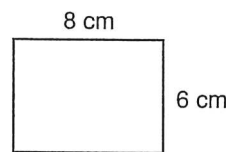
$\dfrac{4}{6} = \left(\dfrac{2}{3}\right)$

7. A foot is 12 inches. How many inches is $\dfrac{2}{3}$ of a foot?

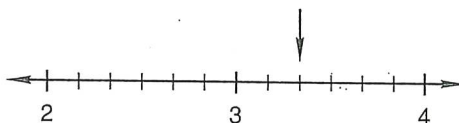8 in.

8. (a) What is the perimeter of this rectangle? 28 cm
   (b) How many square centimeters is the area of this rectangle? 48 sq. cm.

   8 cm
   6 cm

9. Find the greatest common factor of 32 and 40. 8

10. The arrow is pointing to what mixed number on this number line? (fraction)

$3\dfrac{1}{3}$

11. $10 - (2 - 0.86) = 8.86$

12. 0.15×1.01 .1515

13. 0.1045×1000 104.5

14. $\dfrac{4579}{19}$ 241

15. $0.63 \div 3$ .21

16. $8\overline{)1.024}$ .128

17. $\dfrac{5}{9} \times 3$ $1\dfrac{2}{3}$

18. $2 \div \dfrac{2}{3}$ 3

19.
$\begin{array}{r}4\dfrac{1}{3} \\ + 2\dfrac{1}{6} \\ \hline 6\dfrac{1}{2}\end{array}$

20. $\dfrac{4}{5} - \dfrac{7}{10} = \dfrac{1}{10}$

Math 65 by Hake and Saxon