Lesson Practice
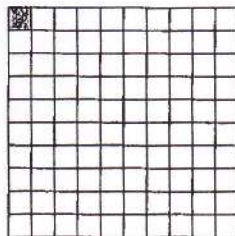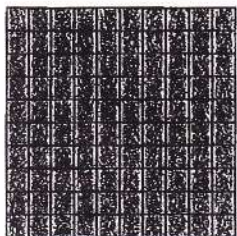
Choose the correct answer.

1. What decimal represents the shaded part of this diagram?

   | A | 0.11 | C | 1.10 |
   | B | 1.01 | D | 1.11 |

2. What number does this place-value chart show?

hundreds	tens	ones	tenths	hundredths
5	0	6	4	3

   | A | 506.34 | C | 5,064.3 |
   | B | 506.43 | D | 5,063.4 |

3. What number is 0.1 **less** than 0.78?

   A   1.78

   B   0.88

   C   0.77

   D   0.68

4. What number is 0.1 **more** than 3.6?
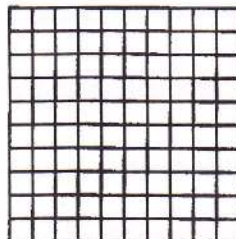
   A   4.6

   B   3.7

   C   3.5

   D   2.6

5. Which of these numbers has a 3 in the tenths place?

   A   66.23

   B   53.47

   C   42.34

   D   34.29

OPEN-ENDED QUESTION

6. Shade in 0.36 of this figure.

   Each ☐ = 0.01

Lesson Practice

Choose the correct answer.

1. Which decimal is equivalent to $\frac{17}{100}$?

    A 17.100   C 0.17

    B 1.7   D 0.171

2. Which fraction means the same as 0.4?

    A $\frac{0}{4}$

    B $\frac{1}{4}$

    C $\frac{2}{5}$

    D $\frac{2}{3}$

3. Keecia said she memorized $\frac{3}{5}$ of her lines for the school play. Which decimal shows the portion of her lines that she memorized?

    A 0.8   C 0.45

    B 0.6   D 0.35

4. What decimal represents the shaded part of this diagram?

    A 3.5   C 2.25

    B 3.25   D 0.5

5. Which decimal means the same as $12\frac{1}{3}$?

    A $12.\overline{6}$ C 12.13

    B $12.\overline{3}$ D 1.23

6. There are 2.03 liters of liquid in a container. Which mixed number is equivalent to 2.03?

    A $2\frac{2}{3}$ C $2\frac{3}{10}$

    B $2\frac{1}{3}$ D $2\frac{3}{100}$

OPEN-ENDED QUESTION

7. It took Gabe $1\frac{1}{4}$ hours to wash and wax his grandmother's car. Which decimal means the same as $1\frac{1}{4}$?
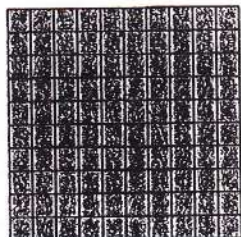
    _____

    Show your work or explain how you found your answer.

    _____

    _____

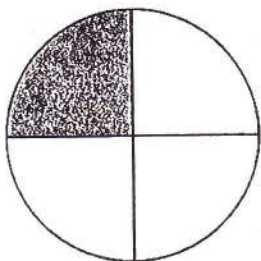   _____

Lesson Practice

Choose the correct answer.

1. What percent of this figure is shaded?

   A   1%

   B   10%

   C   90%

   D   100%

3. What percent of this figure is shaded?

   A   12%

   B   20%

   C   22%

   D   88%

2. What percent of this circle is shaded?
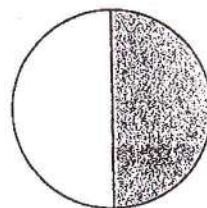
   A   1%

   B   20%

   C   25%

   D   50%
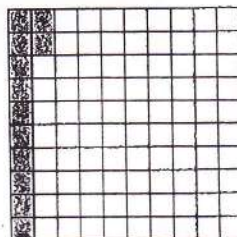
4. What percent of this rectangle is shaded?

   A   1%

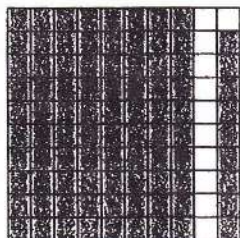   B   9%

   C   10%

   D   100%

5. What percent of this figure is shaded?
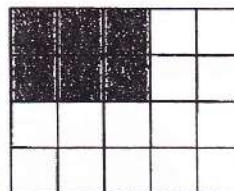
   A   60%

   B   50%

   C   12%

   D   1%

6. What percent of this figure is shaded?

A   9%

B   11%

C   80%

D   89%
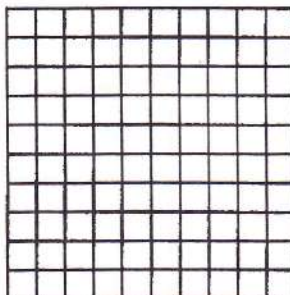
7. Rita shaded $\frac{6}{20}$ of this figure. What percent of the figure is shaded?

A   6%

B   14%

C   30%

D   60%
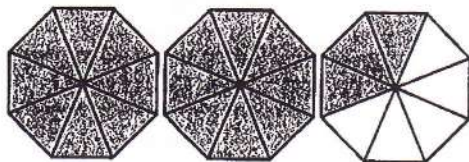
OPEN-ENDED QUESTION

8. Shade 70% of the grid below.

Explain how you know that 70% of the grid is shaded.

_____

_____

_____

Lesson Practice

Choose the correct answer.

1. Talia shaded $2\frac{3}{8}$ of this diagram.

   What improper fraction could also represent the shaded part of this diagram?

   A $\frac{19}{3}$

   B $\frac{19}{5}$

   C $\frac{19}{8}$

   D $\frac{17}{8}$

2. Which improper fraction is equivalent to $1\frac{1}{8}$?

   A $\frac{8}{8}$

   B $\frac{9}{8}$

   C $\frac{10}{8}$

   D $\frac{11}{8}$

3. Which number is equivalent to $\frac{7}{5}$?

   A $1\frac{2}{5}$

   B $1\frac{3}{5}$

   C $1\frac{1}{2}$

   D 2

4. Which improper fraction is equivalent to $3\frac{5}{7}$?

   A $\frac{29}{7}$

   B $\frac{26}{7}$

   C $\frac{24}{7}$

   D $\frac{15}{7}$

5. Which number is equivalent to $\frac{27}{3}$?

   A 10

   B $9\frac{2}{3}$

   C $9\frac{1}{3}$

   D 9

6. After a party, there were $1\frac{7}{10}$ pizzas left over. What is another way to represent $1\frac{7}{10}$?

   A $\frac{11}{10}$ C $\frac{17}{10}$

   B $\frac{11}{7}$ D $\frac{17}{7}$

7. The chorus had a concert that lasted for $\frac{5}{4}$ hours. What is another way to show the number of hours the concert lasted?

   A $1\frac{1}{4}$ hours   C $1\frac{3}{4}$ hours

   B $1\frac{1}{2}$ hours   D 2 hours

8. Which of the following statements is true?

   A $3\frac{1}{6} = \frac{13}{6}$

   B $4\frac{1}{6} = \frac{24}{6}$

   C $5\frac{1}{6} = \frac{51}{6}$

   D $6\frac{1}{6} = \frac{37}{6}$

9. Which of the following statements is **not** true?

   A $2\frac{1}{4} = \frac{9}{4}$

   B $3\frac{3}{4} = \frac{10}{4}$

   C $4\frac{1}{4} = \frac{17}{4}$

   D $5\frac{3}{4} = \frac{23}{4}$

OPEN-ENDED QUESTION

10. How could $\frac{25}{8}$ be represented as a mixed number?

_____

Show your work or explain how you found your answer.

_____

_____

_____

_____

Lesson Practice

Choose the correct answer.

1. Which shows the numbers ordered from **least** to **greatest**?

   A $4.33 < 40.1 < 2\frac{1}{2}$

   B $2\frac{1}{2} < 4.33 < 40.1$

   C $2\frac{1}{2} < 40.1 < 4.33$

   D $40.1 < 4.33 < 2\frac{1}{2}$

2. Below are the weights, in pounds, of four boxes to be shipped.

   $\frac{1}{2}, \frac{3}{4}, 1, \frac{1}{4}$

   Which shows these weights ordered from **least** to **greatest**?

   A $1, \frac{3}{4}, \frac{1}{2}, \frac{1}{4}$ C $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, 1$

   B $1, \frac{3}{4}, \frac{1}{4}, \frac{1}{2}$ D $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1$

3. Look at these four numbers.

   17.8, 17.08, 18, 17.81

   Which of the following shows these numbers ordered from **least** to **greatest**?

   A   17.8, 18, 17.08, 17.81

   B   18, 17.8, 17.08, 17.81

   C   17.08, 17.8, 17.81, 18

   D   17.81, 18, 17.08, 17.8

4. Which shows the numbers ordered from **greatest** to **least**?

   A $\frac{1}{3} > \frac{1}{4} > 0.5$

   B $\frac{1}{4} > \frac{1}{3} > 0.5$

   C $0.5 > \frac{1}{4} > \frac{1}{3}$

   D $0.5 > \frac{1}{3} > \frac{1}{4}$

OPEN-ENDED QUESTION

5. Below are the weights of 4 cats.

   7.35 kg   6.8 kg $7\frac{51}{100}$ kg   8 kg

   Order these weights from **least** to **greatest**.

   _____

   Show or explain how you found your answer.

   _____

   _____