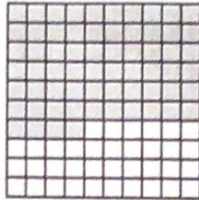Name: _LOZ_   Date: _2-26-2021_

Lesson 8.3   Rewriting Decimals as Fractions and Mixed Numbers

Rewrite each decimal as a fraction or mixed number in simplest form.

1.

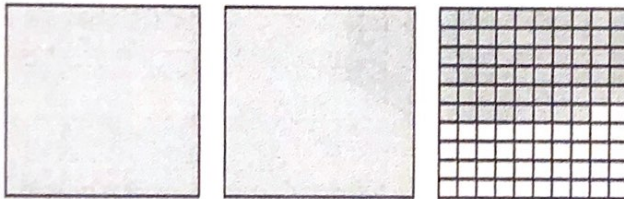$0.64 = \dfrac{64}{100}$

$= \dfrac{16}{25}$
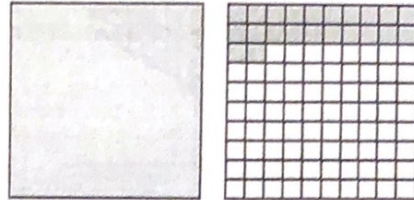
$64 \div 2 = 32 \div 2 = 16$
$100 \qquad 50 \qquad 25$

2.

$1.22 = 1\dfrac{11}{50}$

$22 \div 2 = 11$

3.

$2.58 = 2\dfrac{29}{50}$

$58 \div 2 = 29$
$\qquad\quad 50$

4.

$3.09 = 3\dfrac{9}{100}$

$9 =$

5. ✓

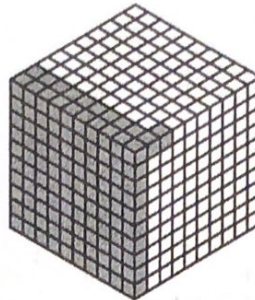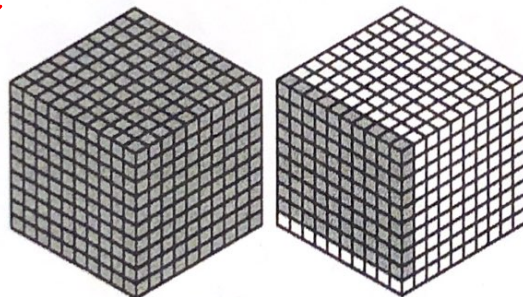**6.**
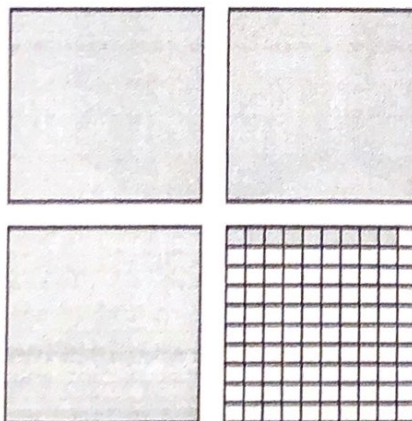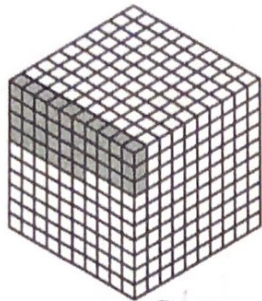
$0.036 = \dfrac{36}{1,000}$ ÷4 = $\dfrac{9}{250}$

$0.111 = \dfrac{111}{1,000}$

Rewrite each decimal as a fraction or mixed number in simplest form.
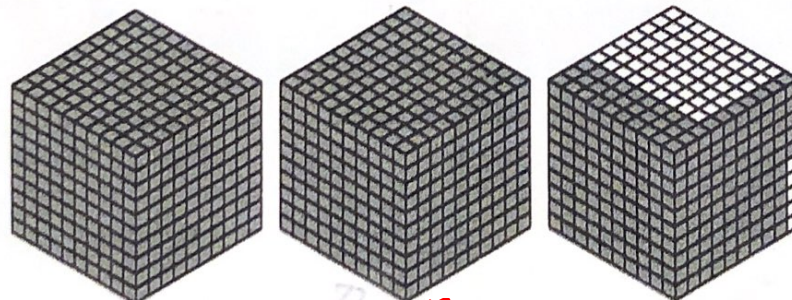
7. OK

$1.090 = 1\dfrac{90}{100}$ $0.90 ÷ 30 = \dfrac{30}{250}$ $\dfrac{5}{125}$

8. ✓

$2.365 = 2\dfrac{373}{100}$ $\dfrac{73}{200}$

Rewrite each decimal as a fraction or mixed number in simplest form.

9. $2.64 = 2\dfrac{16}{25}$

10. $5.75 = 5\dfrac{15}{20} = 5\dfrac{3}{4}$

11. $7.008 = 7\dfrac{8}{250} = \dfrac{1}{125}$

12. $10.357 = 10\dfrac{419}{250}$

$\dfrac{24}{357}$ $10\dfrac{357}{1,000}$

$\dfrac{64 ÷ 2 = 32 ÷ 2 = 16}{100 \quad 50 \quad 25}$

$3\overline{)36}$