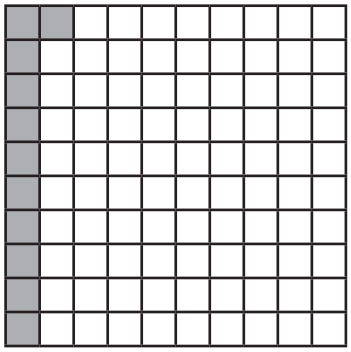
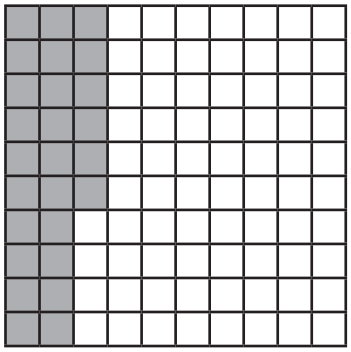
Fractions: Hundredths

All the squares below have been separated into 100 equal parts. Each part is $\frac{1}{100}$. To write this as a decimal fraction you would write 0.01. For all the squares below, write the fraction shaded both as a fraction and a decimal fraction. The first one has been done for you.

1. 

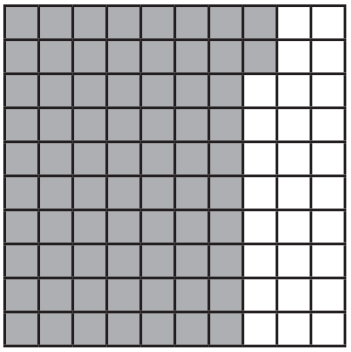
Fraction: $\mathbf{\frac{11}{100}}$

Decimal: **0.11**

2. 

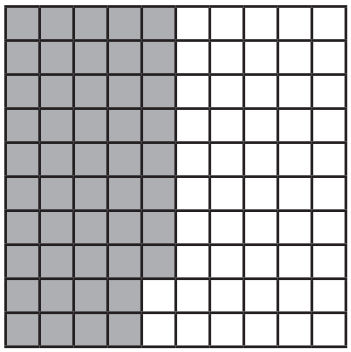
Fraction: _____

Decimal: _____

3. 

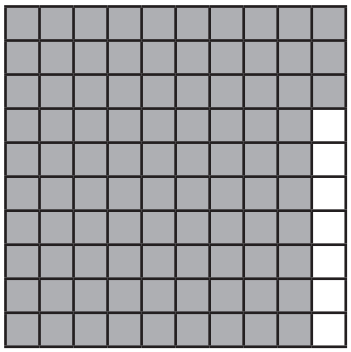
Fraction: _____

Decimal: _____

4. 

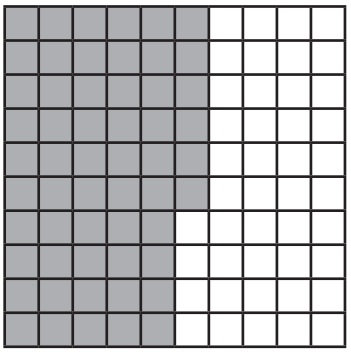
Fraction: _____

Decimal: _____

5. 

Fraction: _____

Decimal: _____

6. 

Fraction: _____

Decimal: _____

Challenge: Complete these equivalent fractions. You could use a tenth and hundredth square to help you. The first one is completed as an example.

1. $\frac{10}{100} = \frac{\mathbf{1}}{10}$

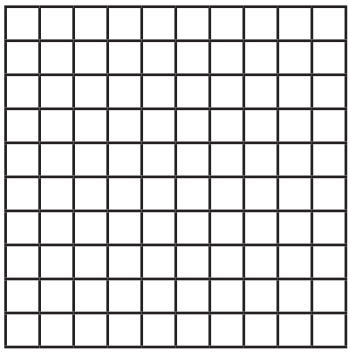
2. $\frac{70}{100} = \frac{\square}{10}$

3. $\frac{40}{100} = \frac{\square}{10}$

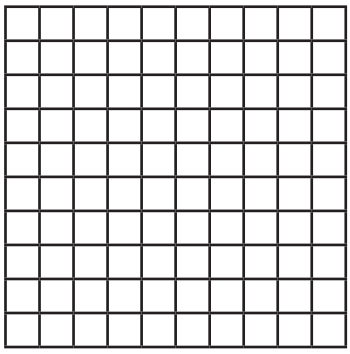
4. $\frac{90}{100} = \frac{\square}{10}$

Each of the squares below is one whole. For each square, shade in the fraction or decimal fraction shown.

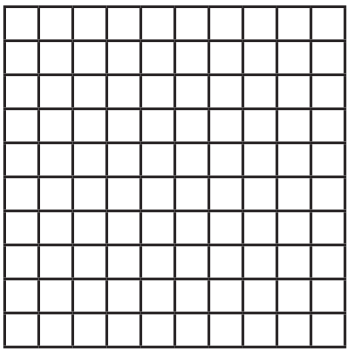
1. 0.43



2. $\frac{27}{100}$

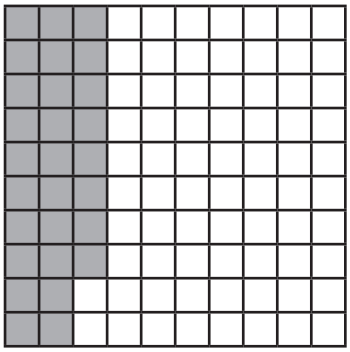


3. $\frac{62}{100}$



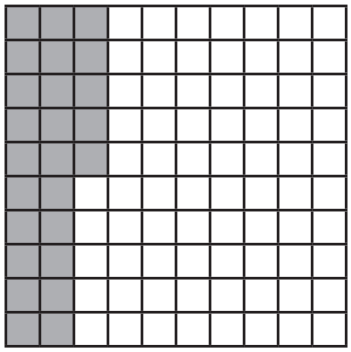
Look at the squares below. Write the missing fraction or decimal to complete the calculation below each square.

4.



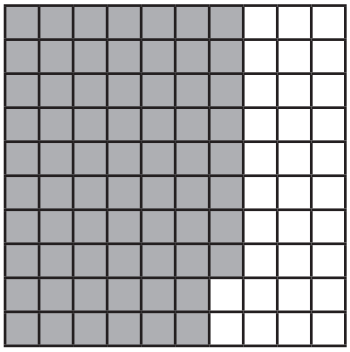
$\frac{28}{100}$ + ☐ = 1 whole

5.



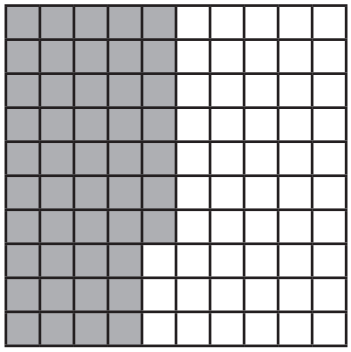
0.25 + ☐ = 1 whole

6.



0.68 + ☐ = 1 whole

7.



$\frac{47}{100}$ + ☐ = 1 whole

Now complete the following calculations without the hundred squares.

8. 0.85 + ☐ = 1 whole

9. $\frac{73}{100}$ + ☐ = 1 whole

10. $\frac{34}{100}$ + ☐ = 1 whole

11. 0.57 + ☐ = 1 whole

Fractions: Hundredths **Answers**

1. Fraction: $\frac{11}{100}$

   Decimal: 0.11

2. Fraction: $\frac{\mathbf{26}}{\mathbf{100}}$

   Decimal: **0.26**

3. Fraction: $\frac{\mathbf{72}}{\mathbf{100}}$

   Decimal: **0.72**

4. Fraction: $\frac{\mathbf{48}}{\mathbf{100}}$

   Decimal: **0.48**

5. Fraction: $\frac{\mathbf{93}}{\mathbf{100}}$

   Decimal: **0.93**

6. Fraction: $\frac{\mathbf{56}}{\mathbf{100}}$

   Decimal: **0.56**

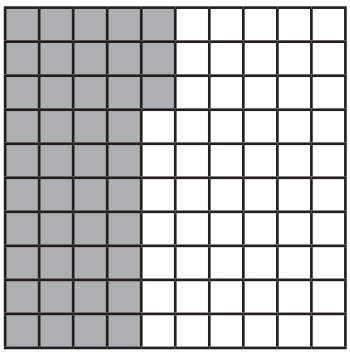
1. $\frac{10}{100} = \frac{1}{10}$

2. $\frac{70}{100} = \frac{\mathbf{7}}{10}$

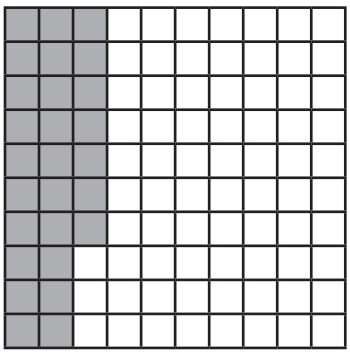
3. $\frac{40}{100} = \frac{\mathbf{4}}{10}$

4. $\frac{90}{100} = \frac{\mathbf{9}}{10}$

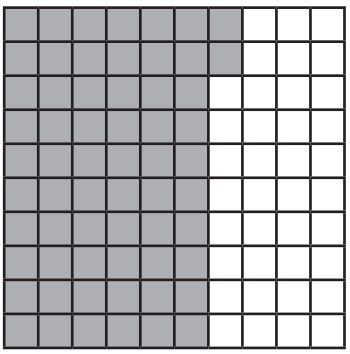
1.



2.



3.



4. $\frac{\mathbf{72}}{\mathbf{100}}$

5. **0.75**

6. **0.32**

7. $\frac{\mathbf{53}}{\mathbf{100}}$

8. **0.15**

9. $\frac{\mathbf{27}}{\mathbf{100}}$

10. $\frac{\mathbf{66}}{\mathbf{100}}$

11. **0.43**