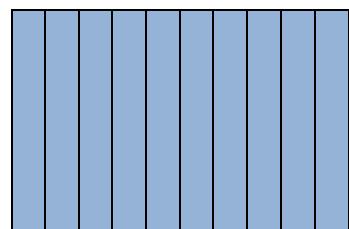
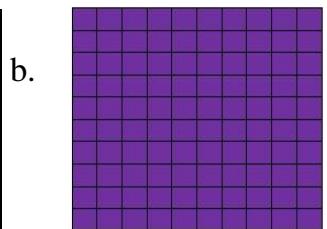
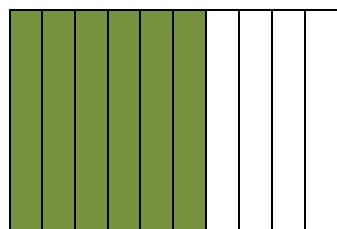
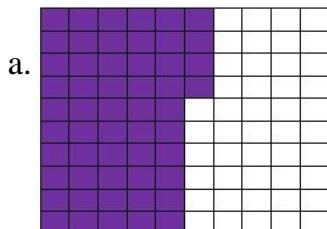


4.NF.C.7 Equivalent Fractions and Decimals

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

Give what is asked in each item and then write your answers on the space provided.

1. Write the decimal shown by each model and then determine whether they are equivalent or not.



Answers:

- a. b.

2. Use an appropriate model (tenths or hundredths) for each pair of decimals then determine whether these decimals are equivalent or not.

a. **0.45** and **0.4**

b. **0.50** and **0.5**

c. **0.70** and **0.07**

Answers:

- a. b. c.

3. Write an equivalent decimal and an equivalent fraction for each of the following.

a. **0.3**

d. **0.7**

g. **5/10**

b. **0.5**

e. **4/5**

h. **4/10**

c. **0.33**

f. **0.200**

i. **1/5**

Answers:

a.

d.

g.

b.

e.

h.

c.

f.

i.

4. Which pair shows equivalent decimals?

a. **0.94** and **0.9**

c. **0.72** and **0.27**

b. **0.70** and **0.7**

d. **0.90** and **0.09**

Answers:

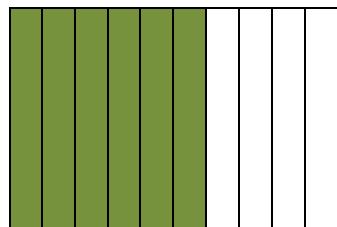
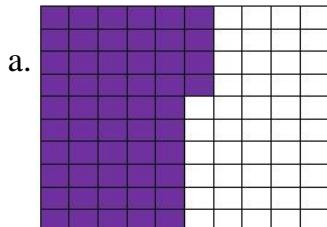
4.NF.C.7 Equivalent Fractions and Decimals

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

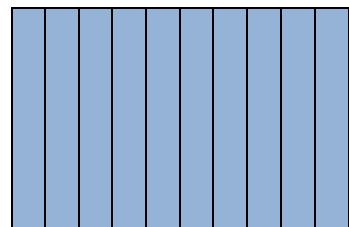
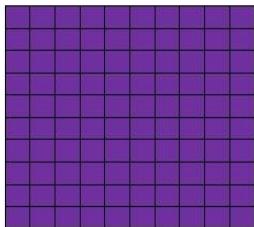
Answer Key

Give what is asked in each item and then write your answers on the space provided.

1. Write the decimal shown by each model and then determine whether they are equivalent or not.



b.



Answers:

a. 0.54, 0.6; Not Equivalent

b. 1, 1; Equivalent

2. Use an appropriate model (tenths or hundredths) for each pair of decimals then determine whether these decimals are equivalent or not.

a. 0.45 and 0.4

b. 0.50 and 0.5

c. 0.70 and 0.07

Answers:

a. Not Equivalent

b. Equivalent

c. Not Equivalent

Note: Models may vary.

3. Write an equivalent decimal and an equivalent fraction for each of the following.

a. 0.3

d. 0.7

g. 5/10

b. 0.5

e. 4/5

h. 4/10

c. 0.33

f. 0.200

i. 1/5

Answers:

a. 0.30, 3/10

d. 0.70, 7/10

g. 0.50, 1/2

b. 0.50, 5/10

e. 0.80, 8/10

h. 0.4, 8/20

c. 0.330, 33/100

f. 0.2, 2/10

i. 0.2, 2/10

4. Which pair shows equivalent decimals?

a. 0.94 and 0.9

c. 0.72 and 0.27

Answers:

b. 0.70 and 0.7

d. 0.90 and 0.09

b.