

4.NF.C.7 Equivalent Fractions or 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 an equivalent fraction for each decimal below.

a. **0.60** _____

d. **0.25** _____

b. **0.40** _____

e. **0.5** _____

c. **0.34** _____

f. **0.70** _____

2. Draw a model for each pair of a fraction and a decimal and determine whether they are equivalent or not.

a. **0.4** and **0.40**

b. **0.6** and **60/100**

c. **0.3** and **1/3**

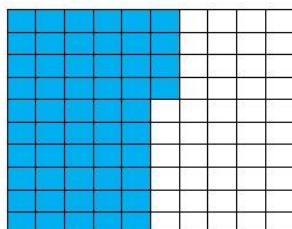
Answers:

a.

b.

c.

3. Which decimal is equivalent to the value shown by the model below? _____



a. **0.504**

b. **0.554**

c. **0.540**

d. **0.05**

4. A 10-piece pack of hotdogs costs **\$1.5** in a store while a piece of hotdog in the same store costs **\$0.155**. Is the price of a piece of hotdog in the 10-piece pack equivalent to the price of a piece of a hotdog? _____

5. Jessy spends **\$4.40** on a shirt while spending **\$4 $\frac{1}{4}$** on a pair of socks. Which item does she spends more money on? _____

4.NF.C.7 Equivalent Fractions or Decimals

Answer Key

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 an equivalent fraction for each decimal below.

a. **0.60** 60/100

d. **0.25** 25/100

b. **0.40** 40/100

e. **0.5** 5/10

c. **0.34** 34/100

f. **0.70** 70/100

2. Draw a model for each pair of a fraction and a decimal and determine whether they are equivalent or not.

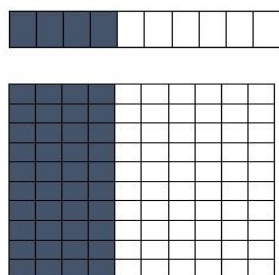
b. **0.4** and **0.40**

b. **0.6** and **60/100**

c. **0.3** and **1/3**

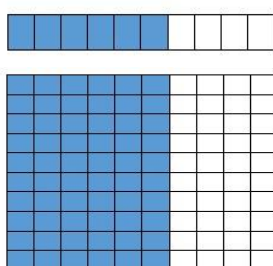
Answers:

a.



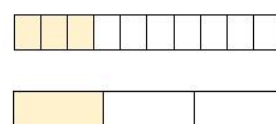
Equivalent

b.



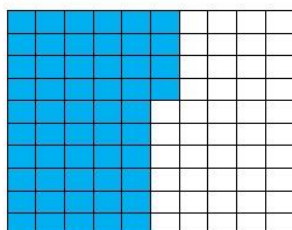
Equivalent

c.



Not Equivalent

3. Which decimal is equivalent to the value shown by the model below? c.



a. **0.504**

b. **0.554**

c. **0.540**

d. **0.05**

4. A 10-piece pack of hotdogs costs \$1.5 in a store while a piece of hotdog in the same store costs \$0.155. Is the price of a piece of hotdog in the 10-piece pack equivalent to the price of a piece of a hotdog? Not Equivalent

5. Jessy spends \$4.40 on a shirt while spending \$4 ¹/₄ on a pair of socks. Which item does she spends more money on? Shirt