Name _____

5th Grade Modified Homework (Math) Remote Learning Packet

Weeks 25 - 26

Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

_____ _____

(Parent Signature) (Date)

Parents please note that all academic packets are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

Name:_____ Week 25 Day 1 Date:_____

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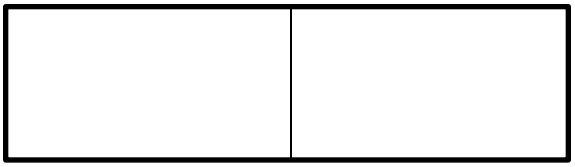
Homework – Mod 4 Packet 13

Solve. Draw a rectangular fraction model to show your thinking.

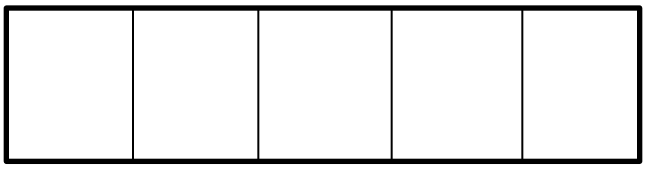
1. Half of $\frac{1}{2}$ cake = ____ cake.



2. One-third of $\frac{1}{2}$ cake = ____ cake.

3. $\frac{1}{4} of \frac{1}{2}$

4. $\frac{1}{2} of \frac{1}{5}$



Name:_____ Week 25 Day 2 Date:_____

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Homework – Mod 4 Packet 14

Solve. Reduce first, then multiply.

1. $\frac{2}{3} of \frac{3}{4}$

2. $\frac{2}{5} of \frac{3}{4}$

3. $\frac{2}{5} x \frac{5}{10}$

4. $\frac{4}{5} x \frac{10}{12}$

5. $\frac{5}{6} x \frac{3}{10}$

6. $\frac{3}{4} x \frac{3}{6}$

Name:_____ Week 25 Day 3 Date:_____

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Homework – Mod 4 Packet 15

Solve the word problem. Use a tape diagram to show your thinking.

Anthony bought an 8-foot board. He cut off $\frac{3}{4}$ of the board to build a shelf and gave $\frac{1}{3}$ of the rest to his brother for an art project. How long was the piece Anthony gave to his brother?

Answer: _____ feet long

Name:_____ Week 25 Day 4 Date:_____

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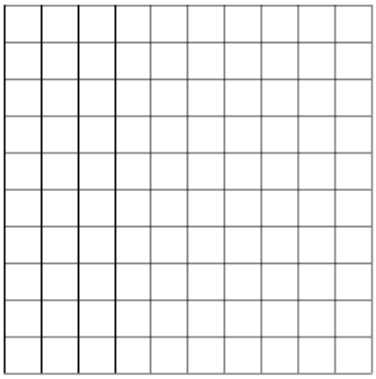
Homework – Mod 4 Packet 16

Multiply and model. Rewrite each expression as a number sentence with decimal factors.

$\frac{6}{10} \times \frac{2}{10}$



Multiply.

7 × 0.3 = _____

0.7 × 0.3 = _____

0.07 × 0.3 = _____

Name:_____ Week 25 Day 5 Date:_____

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Homework – Mod 4 Packet 17

Multiply using fraction form or unit form.

a. 3.3 x 0.8

b. 4.4 x 3.2

c. 2.2 x 1.6

d. 3.36 x 1.4

Name:_____ Week 26 Day 1 Date:_____

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Homework – Mod 4 Packet 18

Express each fraction as an equivalent decimal. The first one is done for you. Remember each fraction needs to have a denominator of 10, 100, or 1,000 to create a decimal.

a. $\frac{3}{4} \times \frac{25}{25} = \underset{\text{Fraction}}{\frac{75}{100}} = \underset{\text{Decimal}}{0.75}$

b. $\frac{1}{4} \times \text{—} = \underset{\text{Fraction}}{\_\_\_\_} = \underset{\text{Decimal}}{\_\_\_\_}$

c. $\frac{2}{5} \times \text{—} = \underset{\text{Fraction}}{\_\_\_\_} = \underset{\text{Decimal}}{\_\_\_\_}$

d. $\frac{3}{5} \times \text{—} = \underset{\text{Fraction}}{\_\_\_\_} = \underset{\text{Decimal}}{\_\_\_\_}$

e. $\frac{3}{20} \times \text{—} = \underset{\text{Fraction}}{\_\_\_\_} = \underset{\text{Decimal}}{\_\_\_\_}$

f. $\frac{5}{20} \times \text{—} = \underset{\text{Fraction}}{\_\_\_\_} = \underset{\text{Decimal}}{\_\_\_\_}$

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Homework – Mod 4 Packet 19

Solve by using KCF (Keep-Change-Flip). Write your quotient in the blank.

K C F

a. $\frac{1}{2} \div 4 =$ _____

K C F

b. $\frac{1}{3} \div 6 =$ _____

K C F

c. $\frac{1}{4} \div 3 =$ _____

K C F

d. $\frac{1}{5} \div 2 =$ _____

K C F

e. $3 \div \frac{1}{9} =$ _____

K C F

f. $3 \div \frac{1}{4} =$ _____

Name:_____ Week 26 Day 3 Date:_____

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Homework – Mod 4 Packet 20

Rewrite the division expression as a fraction and use KCF.

a. $2.4 \div 0.8$ = _____ b. $0.48 \div 0.06$ = _____

c. $8.4 \div 0.7$ = _____ d. $0.45 \div 0.15$ = _____

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Homework – Mod 4 Packet 21

Rewrite the division expression as a fraction and use KCF.

a. $2.0 \div 0.1$ = _____

b. $8 \div \frac{1}{8}$ = _____

c. $1.6 \div \frac{4}{10}$ = _____

d. $0.6 \div 18$ = _____

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Homework – Mod 4 Packet 22

Solve.

a. $78.4 \div 0.7 =$ _____ b. $61.6 \div 0.8 =$ _____

c. $5.74 \div 0.7 =$ _____ d. $7.32 \div 0.06 =$ _____