Name _____ Date _____

Ready® Mathematics

Solve the problems.

1 Over the last 18 months, Katrina has deposited the same amount of money in her bank account each month. If she deposited a total of $1,170, how much money did Katrina deposit each month?

    A $55

    B $60

    C $65

    D $70

2 Rebecca has 6 yards of ribbon. It takes $\frac{3}{8}$ yard to wrap one package.

How many packages can Rebecca wrap? Explain how to use the model to solve the problem.
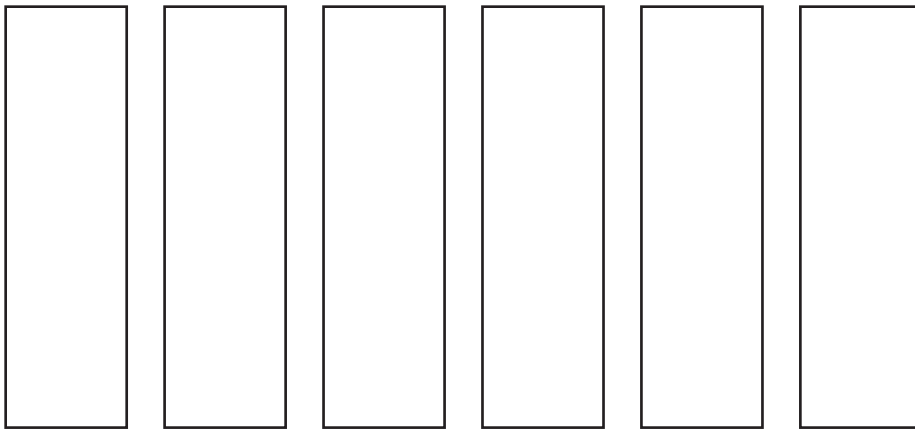
Rebecca can wrap _____ packages.

_____

_____

_____

3 Which of the following problems can be solved by finding $8 \div \frac{1}{4}$?

Choose all that apply.

A   A restaurant starts the day with 8 pans of lasagna. Each serving is $\frac{1}{4}$ pan.
How many servings of lasagna does the restaurant have?

B   A recipe calls for $\frac{1}{4}$ cup of flour. How much flour is needed for 8 batches of the recipe?

C   8 people equally share $\frac{1}{4}$ pound of granola. How much granola does each person get?

D   Malcolm is writing an 8-page essay. He writes $\frac{1}{4}$ of the essay.
How many pages has Malcolm written?

E   Ramona spends 8 hours making picture frames. If each frame takes
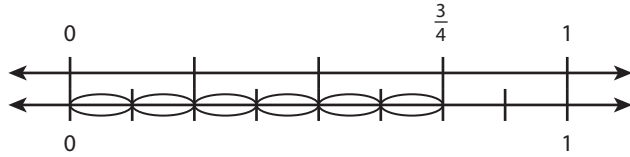her $\frac{1}{4}$ hour to make, how many picture frames does Ramona make?

4 Solve: $962 \div 26$

Show your work.

5 Which division equation is represented by the model?

A $\dfrac{3}{4} \div \dfrac{1}{8} = 6$

B $\dfrac{3}{4} \div \dfrac{1}{6} = \dfrac{1}{8}$

C $6 \div \dfrac{1}{8} = \dfrac{3}{4}$

D $8 \div \dfrac{3}{4} = 6$

6 Jacob signs up to work for $2\dfrac{1}{2}$ hours at the school carnival.
If each work shift is $\dfrac{3}{4}$ hour, how many shifts will Jacob work?
Show your work.

Jacob will work _____ shifts.

7 A bakery needs to make 7 batches of muffins before opening in 4 hours.
Each batch of muffins takes $\frac{2}{3}$ hour to bake.

Part A

Write a division expression and draw a model to represent how many muffin
batches the bakery can make before they open.

Part B

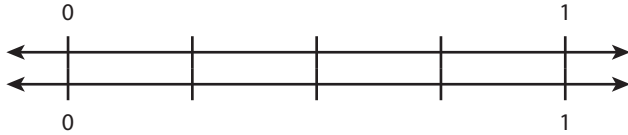Will the bakery have enough time to bake 7 batches of muffins? Explain.

_____

_____

_____

_____

8 Felipe has $\frac{3}{4}$ acre of land to use for a vegetable garden. He separates the land into vegetable plots that are each $\frac{1}{12}$ acre. How many vegetable plots does Felipe have? Explain how to use the number line to model this situation and find the answer.

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    0                    1
 ←──┼────┼────┼────┼────┼──→
 ←──┼────┼────┼────┼────┼──→
    0                    1
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Felipe has _____ vegetable plots.

_____

_____

_____

_____