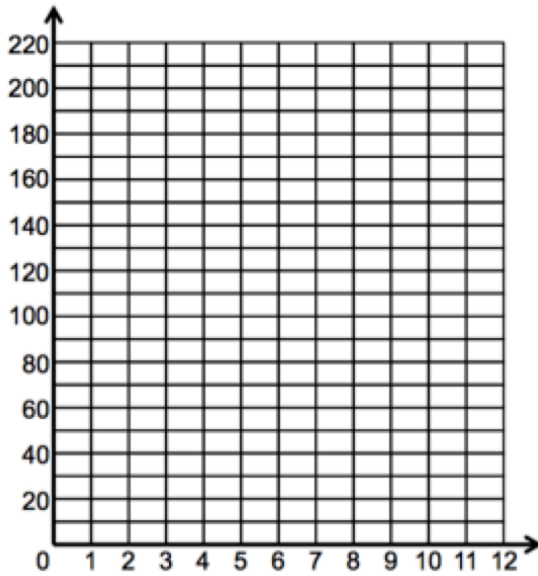


3-5 Context

Name \_\_\_\_\_

Per. \_\_\_\_

1. Jackie borrowed \$165 from her mom and is paying her back \$15 per week.



A. Label each axis of the graph to go with the situation described above.

B. Is there an x-intercept? If so, what does it mean within the context of the problem? Write your answer in a complete sentence.

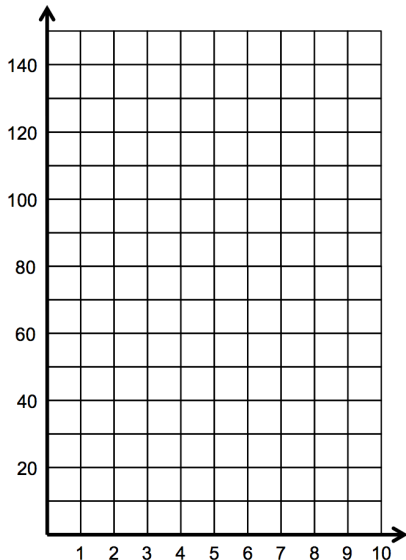
C. Is there a y-intercept? If so, what does it mean within the context of the problem? Write your answer in a complete sentence.

D. What does the point (9, 30) mean on the graph within the context of the problem? Write your answer in a complete sentence.

2. Sam has \$30. He babysits and makes \$4 per day. Kaleb has no money, but earns \$10 per days by tutoring his cousin. Let  $x$  be the number of days that each student worked and let  $y$  represent the amount of money each student has.

A. Label each axis of the graph to go with the situation described above.

B. Graph a line to model each situation.



C. Which graph has a steeper line? What does this mean in the context of the situation?

D. Is there an x-intercept? If so, what does it mean within the context of the problem?

E. Is there a y-intercept? If so, what does it mean within the context of the problem?