

8.1A; 8.1F; 8.1G; 8.5H (H)

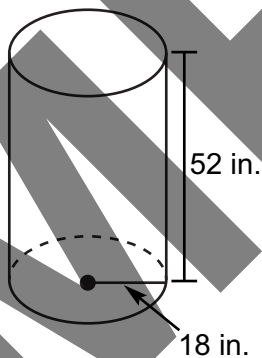
1. Which scenarios best represent non-proportional functions?

Select **TWO** correct answers.

- Scenario A: Zeke's dog eats 2 cans of dog food per day.
- Scenario B: Ana pays \$6.75 in shipping for every online order she places.
- Scenario C: Chrissy pays \$12 per month for her streaming subscription and a \$14 initial fee to start the service.
- Scenario D: Shannon earns \$12 per hour at her job at the local grocery store.
- Scenario E: Christopher pays \$745 for his first month's rent and \$600 every month after.

8.1A; 8.1B; 8.1D; 8.1F; 8.7A (M)

2. A service station stores its waste oil in a barrel like the one shown below.



If one quart of oil has a volume of 90 cubic inches, how many quarts of oil will fit into the barrel? (Round your answer to the nearest hundredth. Use 3.14 for π .)

Record your answer in the space provided.

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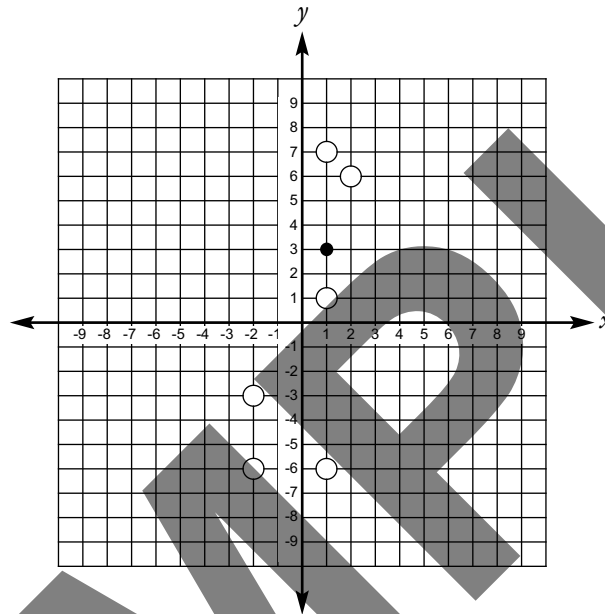
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8.1D; 8.1E; 8.1F; 8.5F (L)

29. The ordered pair $(1, 3)$ represents a point on the graph of a proportional relationship.

Which two ordered pairs could represent other points on the graph of the proportional relationship?

Shade the **TWO** correct circles that represent the points.



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