## Unit 3 Lesson 9 Cumulative Practice Problems

1. This package of sliced cheese costs $2.97.
* How much would a package with 18 slices cost at the same price per slice? Explain or show your reasoning.
* 
1. A copy machine can print 480 copies every 4 minutes. For each question, explain or show your reasoning.
	1. How many copies can it print in 10 minutes?
	2. A teacher printed 720 copies. How long did it take to print?
2. Order these objects from heaviest to lightest.
* (Note: 1 pound = 16 ounces, 1 kilogram $≈$ 2.2 pounds, and 1 ton = 2,000 pounds)

|  |  |
| --- | --- |
| * item
 | * weight
 |
| * school bus
 | * 9 tons
 |
| * horse
 | * 1,100 pounds
 |
| * elephant
 | * 5,500 kilograms
 |
| * grand piano
 | * 15,840 ounces
 |

*
1. Andre sometimes mows lawns on the weekend to make extra money. Two weeks ago, he mowed a neighbor’s lawn for $\frac{1}{2}$ hour and earned $10. Last week, he mowed his uncle’s lawn for $\frac{3}{2}$ hours and earned $30. This week, he mowed the lawn of a community center for 2 hours and earned $30.
* Which jobs paid better than others? Explain your reasoning.
* (From Unit 3, Lesson 5.)
1. Calculate and express your answer in decimal form.
	1. $\frac{1}{2}⋅17$
	2. $\frac{3}{4}⋅200$
	3. $(0.2)⋅40$
	4. $(0.25)⋅60$
* (From Unit 3, Lesson 1.)
1. Here is a polygon.
* 
	1. Decompose this polygon so that its area can be calculated. All measurements are in centimeters.
	2. Calculate its area. Organize your work so that it can be followed by others.
* (From Unit 1, Lesson 11.)



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