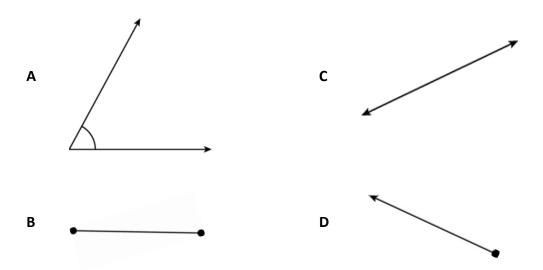


# Kentucky Sample Questions 4<sup>th</sup> Grade Math CASE Benchmark Assessments

Paper-and-pencil assessments will contain multiple choice and multiple select items. Online assessments will also contain technology-enhanced items.

## **Multiple Choice**

1. Which figure can best be described as a line?



## **Multiple Select**

- 2. Alyssa and William collect model cars.
  - William has 3 times as many model cars as Alyssa.
  - William has 42 model cars.

Which two equations could be used to find how many model cars, m, Alyssa has?

**A** 
$$3 \times m = 42$$

**B** 
$$3 + 42 = m$$

**c** 
$$3 \div 42 = m$$

**D** 
$$42 \times 3 = m$$

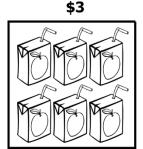
**E** 
$$42 \div 3 = m$$

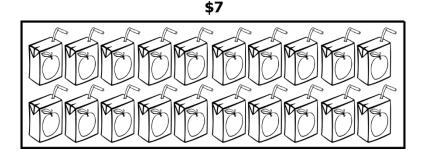
## **Constructed Response**

Constructed response items for math will be scored by teachers in each school/district using rubrics and/or scoring guides provided.

#### **Short Answer**

3. Mia bought some juice boxes for a birthday party. A pack of 6 juice boxes costs \$3, and a pack of 20 juice boxes costs \$7. Mia bought 3 packs of 6 juice boxes and 2 packs of 20 juice boxes.





How many total juice boxes did Mia buy, and how much money did she spend?

### **Extended Response**

4. Larry goes to the grocery store with a list of items to buy. He also makes a note of the prices of the items.

2 loaves of bread	<b>\$10</b>
2 packets of cheese	<b>\$12</b>
3 dozen eggs	<b>\$9</b>
gallon of milk	<b>\$4</b>
bag of carrots	\$3

### Part A

How much will Larry spend if he buys all the items on his grocery list?

## Part B

Larry has two \$20 bills to pay for his groceries. How much money will Larry receive in change after paying for his groceries?