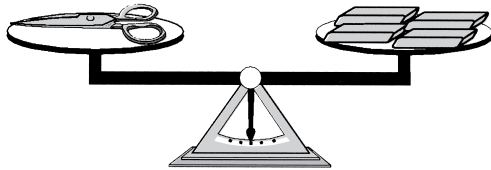
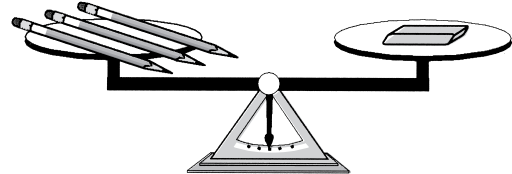


Session 1, Open-Response Question

Use the diagram below to answer question 17.

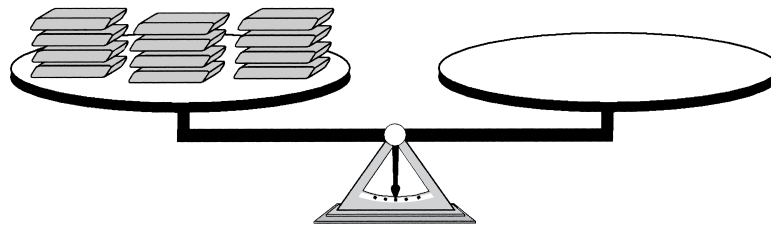


One pair of scissors weighs the same as 4 erasers.



3 pencils weigh the same as 1 eraser.

- 17 a. How many pairs of scissors weigh the SAME AS 12 erasers? Be sure to explain or show how you know you are right.



12 erasers weigh the same as ____ scissors.


















- b. Do three erasers weigh the SAME AS six pencils? Explain or show how you know.
- c. How many pencils weigh the SAME AS one pair of scissors? Use pictures, numbers, or words to show how you know.
- d. Write ONE number sentence to show how many pencils AND erasers weigh the SAME AS two pairs of scissors.


Reporting Category for Item 17: *Patterns, Relations, and Algebra* (p. 219)

Session 2, Multiple-Choice Questions

Use the pictograph below to answer question 18.

Flowers Planted in Amherst Parks

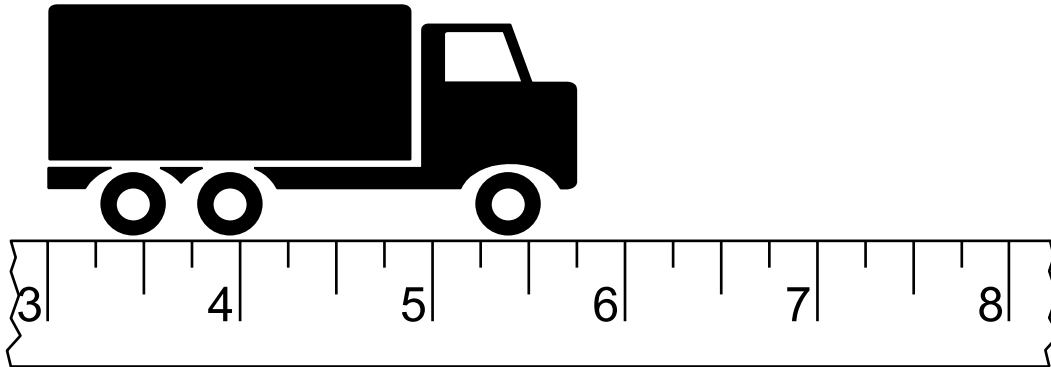
Roses	  
Daisies	      
Tulips	      

- 18** The pictograph shows the number of flowers planted in Amherst parks, but the key is missing. Townspeople planted 90 roses, 165 daisies, and 210 tulips. How many flowers does each  represent?
- A. 50
 - B. 30
 - C. 25
 - D. 35

Reporting Category for Item 18: Data Analysis, Statistics, and Probability (p. 220)

Mathematics, Grade 4

Use the diagram below to answer question 19.



19 How long is the truck?

- A. $5\frac{3}{4}$ inches
- B. $2\frac{3}{4}$ inches
- C. $5\frac{1}{2}$ inches
- D. $2\frac{1}{2}$ inches

Reporting Category for Item 19: *Measurement* (p. 220)

Mathematics, Grade 4

- 20 The table below shows how much money Desmond had in his savings account for each of the last four weeks.

Week	1	2	3	4
Amount in Savings	\$2	\$4	\$6	\$8

If he continues to save the same amount each week, which number sentence tells how much he will have in week 7?

- A. $7 \times \$2 = \14
- B. $\$8 + \$8 = \$16$
- C. $\$8 + \$2 = \$10$
- D. $7 \times \$8 = \56

Reporting Category for Item 20: Patterns, Relations, and Algebra (p. 219)