

Spiral # 3

NAME:

6th
Grade

Order the drink mixes from least orangey to most orangey.

A) orange : soda
3 : 1

■ = orange
□ = soda

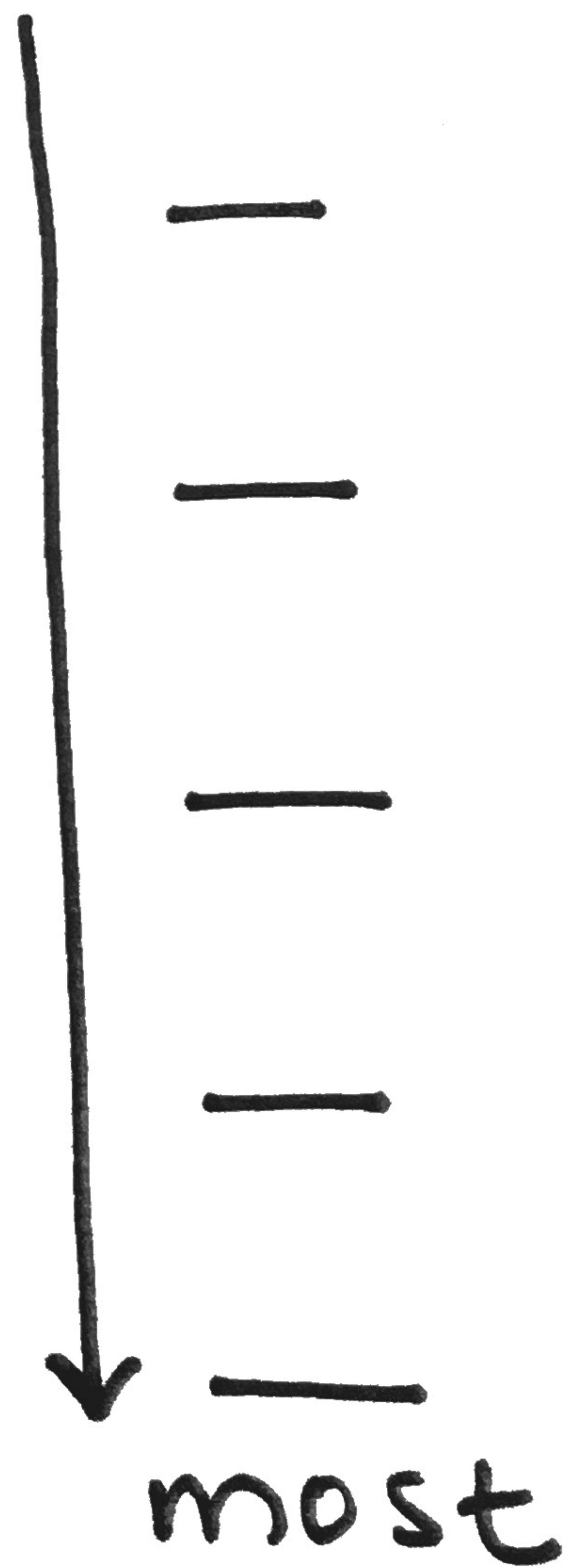
B) □ ■ ■ ■

C) $\frac{1}{3}$ of the mixture is orange

D) $\frac{5}{6}$ of the mixture is soda

E) ■ □ ■ □

least



Find the missing piece of the equivalent fractions.

$$1) \frac{2}{7} = \frac{10}{\quad}$$

$$2) \frac{\quad}{27} = \frac{4}{9}$$

$$3) \frac{5}{7} = \frac{\quad}{42}$$

$$4) \frac{6}{15} = \frac{\quad}{5}$$

$$5) \frac{3}{12} = \frac{1}{\quad}$$

$$6) \frac{6}{25} = \frac{\quad}{75}$$

$$7) \frac{13}{14} = \frac{26}{\quad}$$

$$8) \frac{2}{11} = \frac{\quad}{88}$$

Compute. Show your work.

1) $26.3(0.41)$

2) $3.52(0.13)$

3) $0.43(0.16)$

4) $1.243(5)$

5) $400(0.03)$

6) $3000(1.03)$

Distribute.

$$1) 2(3x + 7)$$

$$2) 4(5x - 3)$$

$$3) 6(2x + 9)$$

$$4) 3(3x + 1)$$

$$5) m(n + p)$$

$$6) a(b - c)$$

$$7) 3x(4 - 3y)$$

$$8) 2m(n + 1)$$