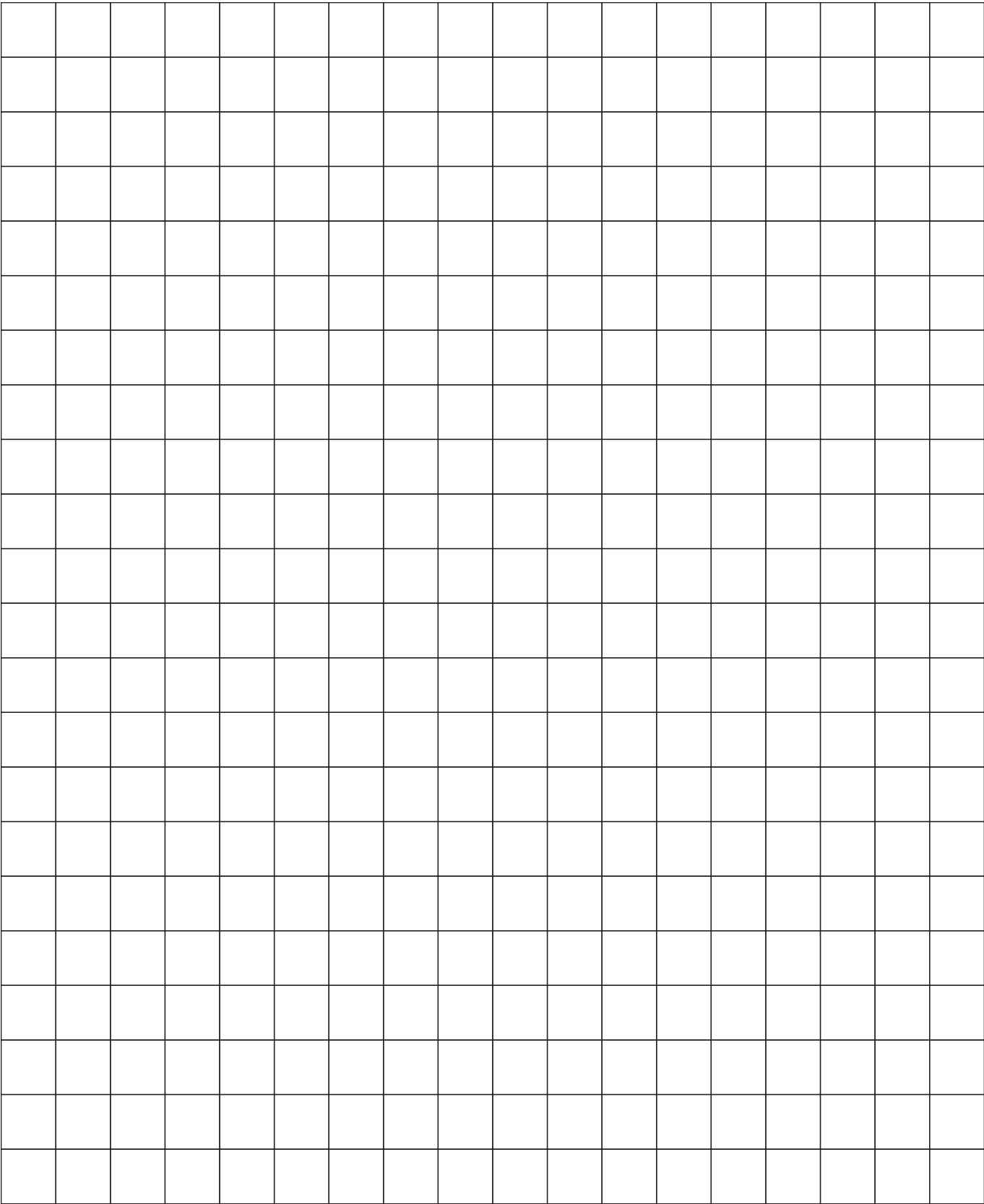
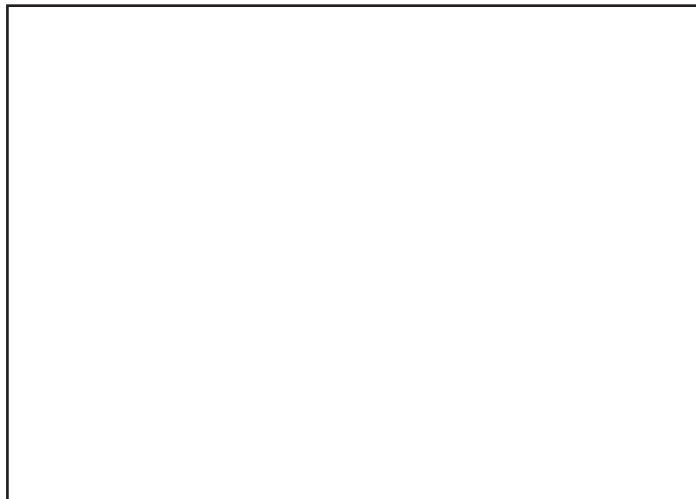
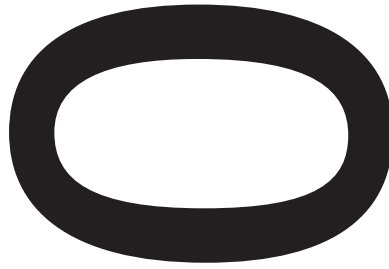


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| Length         |              | Mass and Weight   |              |
|----------------|--------------|---|--------------|
| 1 cm = 10 mm   | 1 yd = 3 ft  | 1 kg = 1,000 g  | 1 lb = 16 oz |
| 1 m = 100 cm   | 1 ft = 12 in | Time<br><br>1 year = 12 months<br><br>1 week = 7 days<br><br>1 day = 24 hours<br><br>1 hour = 60 minutes<br><br>1 minute = 60 seconds |              |
| 1 km = 1,000 m |              |   |              |
| Capacity       |              |   |              |
| 1 L = 1,000 mL | 1 gal = 4 qt |   |              |
| 1 c = 8 fl oz  | 1 qt = 2 pt  |   |              |
|                | 1 pt = 2 c   |   |              |

| Length         |              | Mass and Weight       |              |
|----------------|--------------|-----------------------|--------------|
| 1 cm = 10 mm   | 1 yd = 3 ft  | 1 kg = 1,000 g        | 1 lb = 16 oz |
| 1 m = 100 cm   | 1 ft = 12 in | Time                  |              |
| 1 km = 1,000 m |              |                       |              |
| Capacity       |              |                       |              |
| 1 L = 1,000 mL | 1 gal = 4 qt | 1 year = 12 months    |              |
|                |              | 1 week = 7 days       |              |
| 1 c = 8 fl oz  | 1 qt = 2 pt  | 1 day = 24 hours      |              |
|                | 1 pt = 2 c   | 1 hour = 60 minutes   |              |
|                |              | 1 minute = 60 seconds |              |



$$4.2 \div 0.7$$

$$4.2 \div 0.07$$

$$2.4 \div 0.8$$

$$2.4 \div 0.08$$

$$2.4 \div 0.4$$

$$2.4 \div 0.04$$

$$8.1 \div 0.9$$

$$8.1 \div 0.09$$

$$6.4 \div 0.8$$

$$6.4 \div 0.08$$

$$3.5 \div 0.7$$

$$3.5 \div 0.07$$

$$1.8 \div 0.9$$

$$1.8 \div 0.09$$

$$1.8 \div 0.2$$

$$1.8 \div 0.02$$

$$3.6 \div 0.6$$

$$3.6 \div 0.06$$

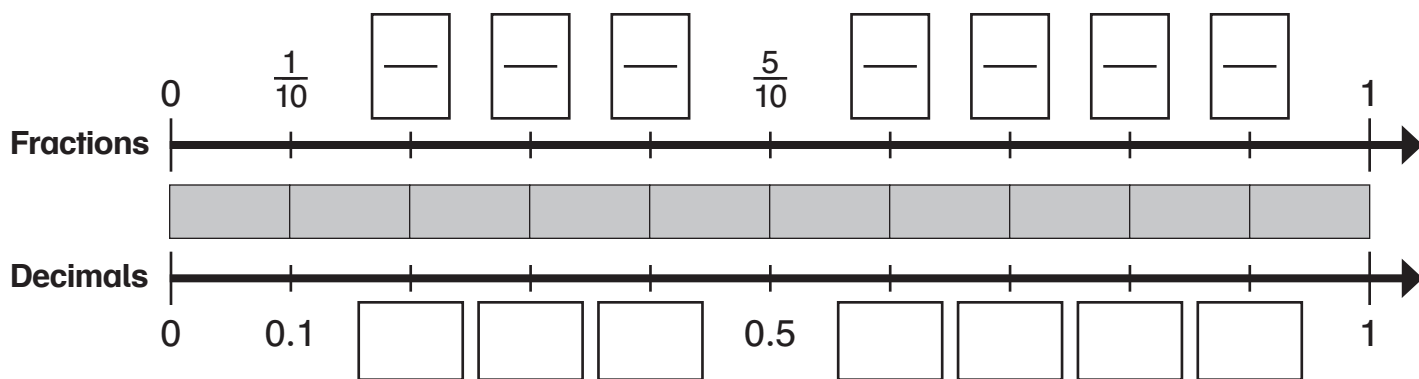
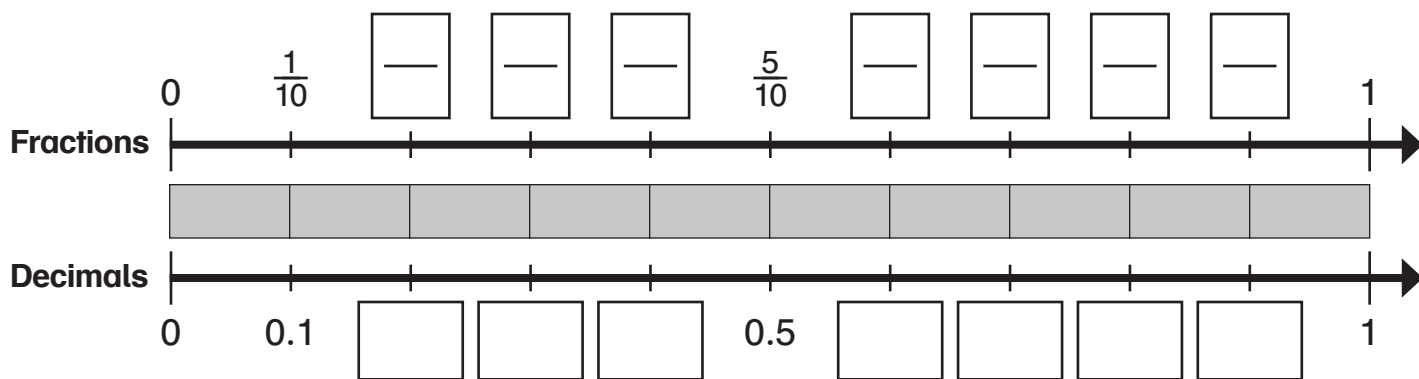
$$3.6 \div 0.4$$

$$3.6 \div 0.04$$

$$2.4 \div 0.6$$

$$2.4 \div 0.06$$





0.12

0.88

0.24

0.76

0.26

0.74

0.36

0.64

0.43

0.57

0.81

0.19

0.37

0.63

0.42

0.58

0.54

0.46

0.73

0.27

0.85

0.15

0.35

0.65

0.5

0.5

0.92

0.08

0.82

0.18

0.77

0.23

0.84

0.16

0.14

0.86

0.62

0.38

0.59

0.41

0.68

0.32



0.29

0.71

0.60

0.4

0.06

0.94

0.03

0.97

0.83

0.17

0.48

0.52

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0.20

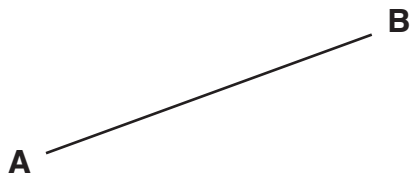
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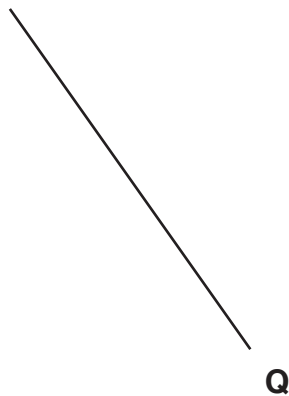
0.13

0.87

C •



P



R •

$$\frac{3}{25}$$

$$\frac{22}{25}$$

$$\frac{6}{25}$$

$$\frac{19}{25}$$

$$\frac{13}{50}$$

$$\frac{37}{50}$$

$$\frac{9}{25}$$

$$\frac{16}{25}$$

$$\frac{43}{100}$$

$$\frac{57}{100}$$

$$\frac{81}{100}$$

$$\frac{19}{100}$$

$$\frac{37}{100}$$

$$\frac{63}{100}$$

$$\frac{21}{50}$$

$$\frac{29}{50}$$

$$\frac{27}{50}$$

$$\frac{23}{50}$$

$$\frac{73}{100}$$

$$\frac{27}{100}$$

$$\frac{17}{20}$$

$$\frac{3}{20}$$

$$\frac{7}{20}$$

$$\frac{13}{20}$$



$$\frac{1}{2}$$

$$\frac{50}{100}$$

$$\frac{23}{25}$$

$$\frac{2}{25}$$

$$\frac{41}{50}$$

$$\frac{9}{50}$$

$$\frac{77}{100}$$

$$\frac{23}{100}$$

$$\frac{21}{25}$$

$$\frac{4}{25}$$

$$\frac{7}{50}$$

$$\frac{43}{50}$$

$$\frac{31}{50}$$

$$\frac{19}{50}$$

$$\frac{59}{100}$$

$$\frac{41}{100}$$

$$\frac{17}{25}$$

$$\frac{8}{25}$$

$$\frac{29}{100}$$

$$\frac{71}{100}$$

$$\frac{3}{5}$$

$$\frac{47}{50}$$

$$\frac{3}{100}$$

$$\frac{97}{100}$$

$$\frac{83}{100}$$

$$\frac{17}{100}$$

$$\frac{12}{25}$$

$$\frac{13}{25}$$

$$\frac{4}{5}$$

$$\frac{1}{5}$$

$$\frac{33}{50}$$

$$\frac{17}{50}$$

$$\frac{13}{100}$$

$$\frac{87}{100}$$

$$\frac{3}{50}$$

$$\frac{2}{5}$$

0.1

0.2

0.1

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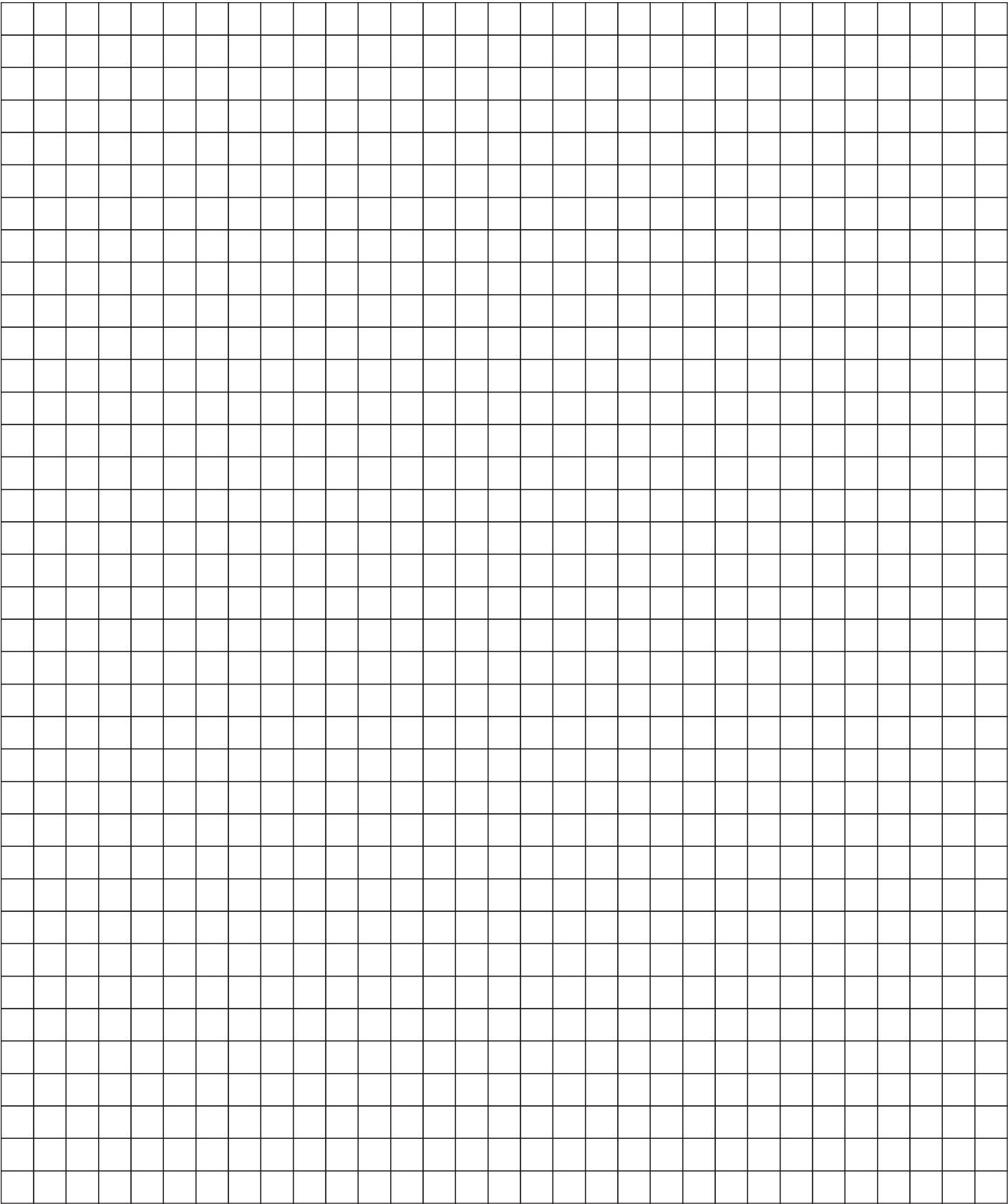
0.9

0.8

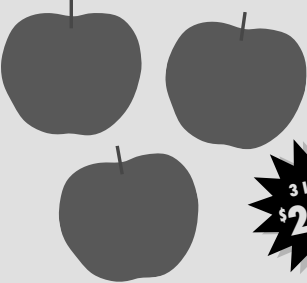
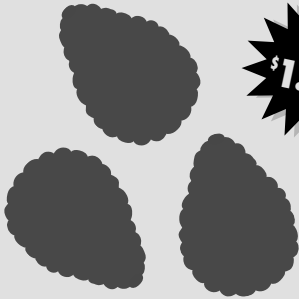
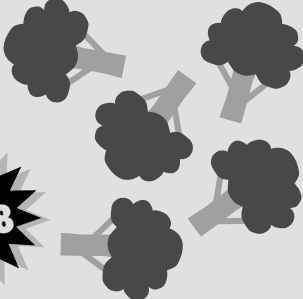


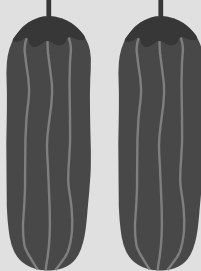
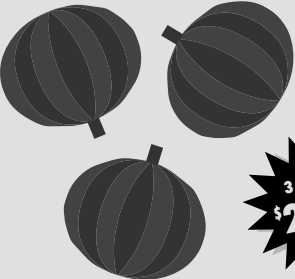


0.9

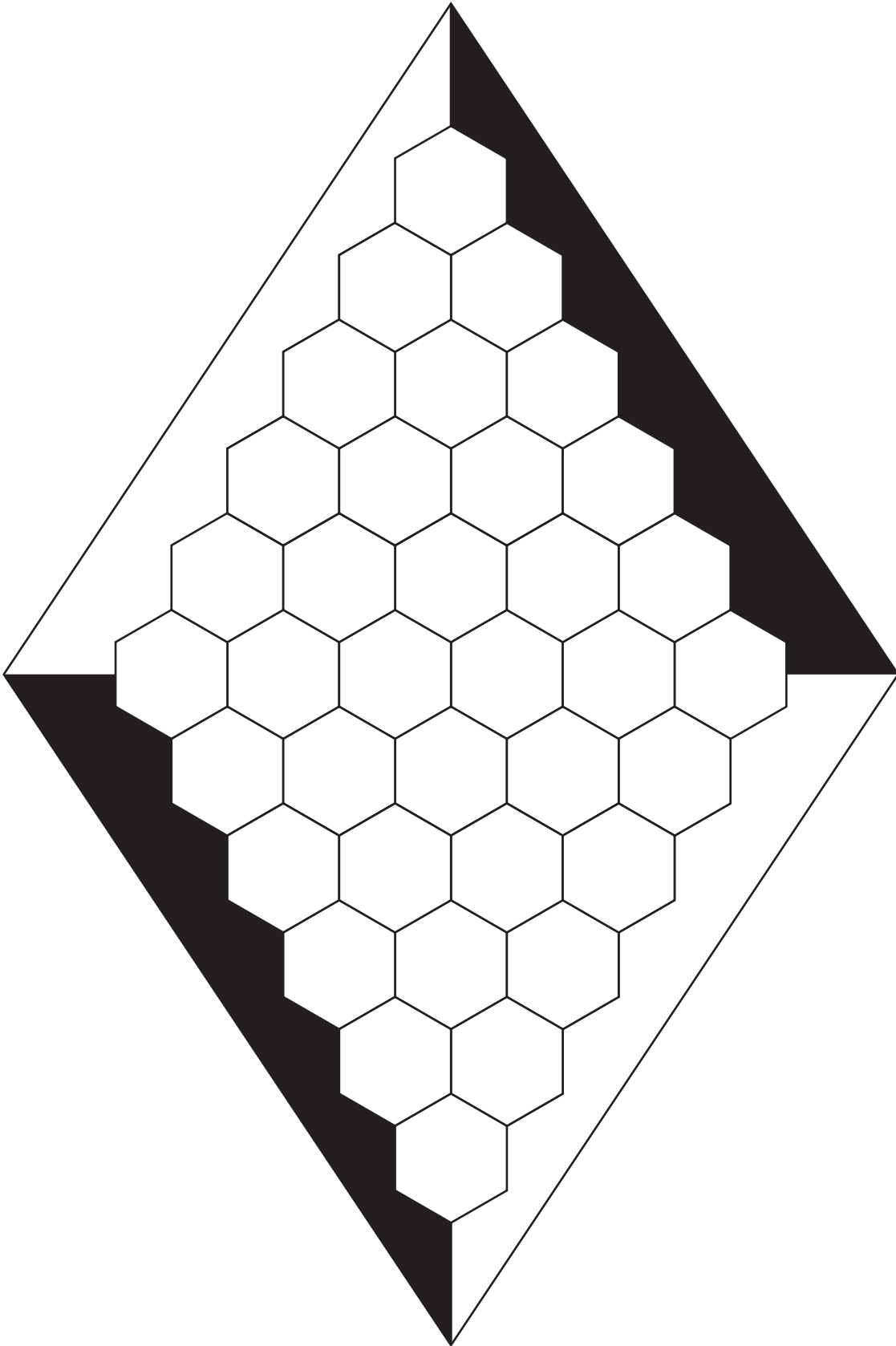
0.8

0.9





|  |  |  |
|--|--|--|
| <p><b>APPLES</b></p>  <p>3 LB FOR<br/><b>\$2.85</b></p>   | <p><b>AVOCADOS</b></p>  <p>5 FOR<br/><b>\$1.35</b></p>    | <p><b>BROCCOLI</b></p>  <p>2 LB FOR<br/><b>\$2.98</b></p> |
| <p><b>BANANAS</b></p>  <p>5 FOR<br/><b>\$1.00</b></p>    | <p><b>CARROTS</b></p>  <p>3 LB FOR<br/><b>\$3.27</b></p> | <p><b>CUCUMBERS</b></p>  <p>6 FOR<br/><b>\$4.50</b></p>  |
| <p><b>ONIONS</b></p>  <p>3 LB FOR<br/><b>\$2.67</b></p> | <p><b>PEARS</b></p>  <p>2 LB FOR<br/><b>\$6.50</b></p>  | <p><b>SQUASH</b></p>  <p>7 FOR<br/><b>\$1.54</b></p>    |



# Hundredths Chart

|      |      |      |      |      |      |      |      |      |     |
|------|------|------|------|------|------|------|------|------|-----|
| 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 |
| 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.2 |
| 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.3 |
| 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.36 | 0.37 | 0.38 | 0.39 | 0.4 |
| 0.41 | 0.42 | 0.43 | 0.44 | 0.45 | 0.46 | 0.47 | 0.48 | 0.49 | 0.5 |
| 0.51 | 0.52 | 0.53 | 0.54 | 0.55 | 0.56 | 0.57 | 0.58 | 0.59 | 0.6 |
| 0.61 | 0.62 | 0.63 | 0.64 | 0.65 | 0.66 | 0.67 | 0.68 | 0.69 | 0.7 |
| 0.71 | 0.72 | 0.73 | 0.74 | 0.75 | 0.76 | 0.77 | 0.78 | 0.79 | 0.8 |
| 0.81 | 0.82 | 0.83 | 0.84 | 0.85 | 0.86 | 0.87 | 0.88 | 0.89 | 0.9 |
| 0.91 | 0.92 | 0.93 | 0.94 | 0.95 | 0.96 | 0.97 | 0.98 | 0.99 | 1   |

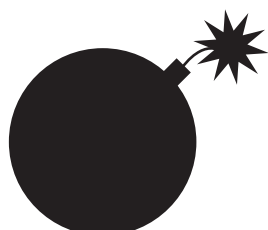
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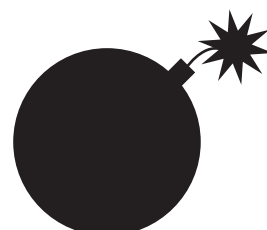
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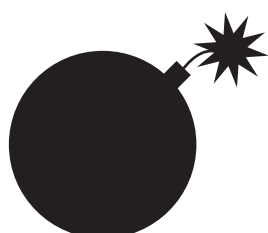
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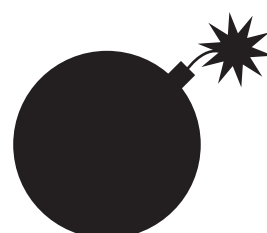
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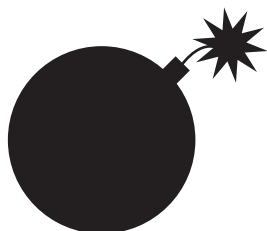
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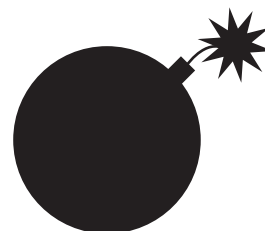
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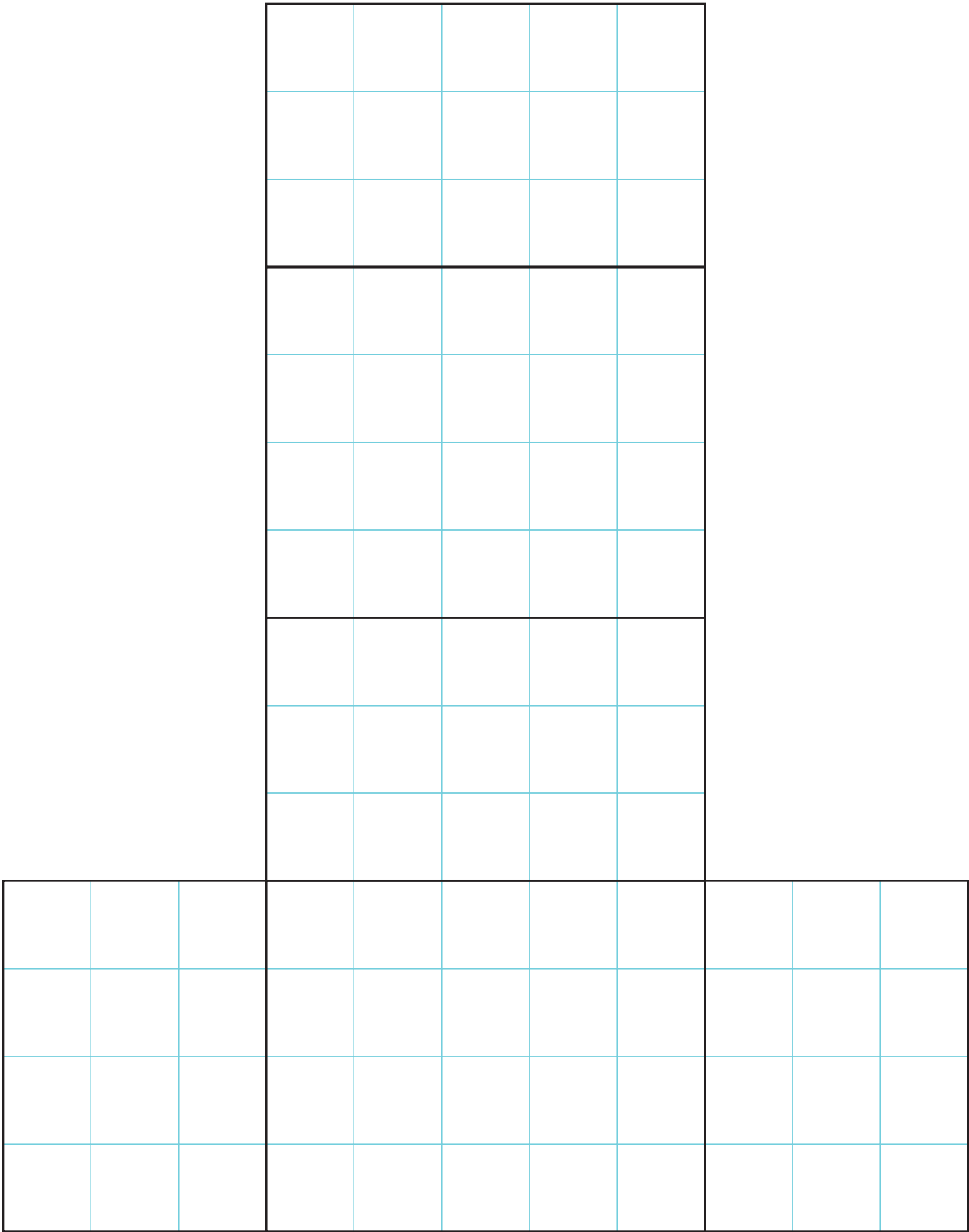



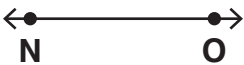


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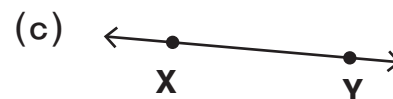
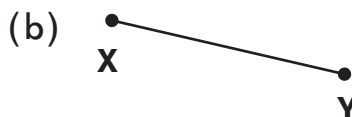
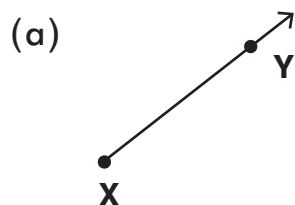
KABOOM



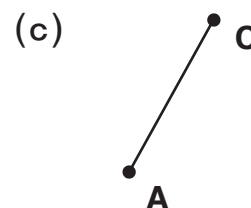
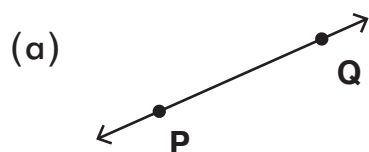


|                     | Description   | Figure   | Symbol   |
|---------------------|---|--|--|
| <b>Point</b>        | A point is a position in space. It has no size.   |   | P or Point P   |
| <b>Line</b>         | A line is a set of points along a straight path that extends infinitely in both directions. |  | $\overleftrightarrow{NO}$ or $\overleftrightarrow{ON}$ |
| <b>Line Segment</b> | A line segment is a part of a line that has two endpoints.                                  |  | $\overline{EF}$ or $\overline{FE}$                     |
| <b>Ray</b>          | A ray is a part of a line that has one end point and extends infinitely in one direction.   |  | $\overrightarrow{QR}$                                  |

- 1** Identify each figure that contains points X and Y as a line, a line segment, or a ray.



- 2** Use letters and symbols to name each figure.



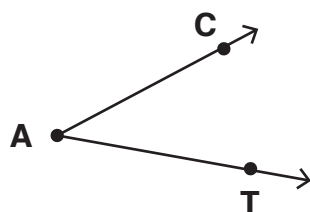
- 3** Use a straight edge or ruler to draw the following figures.

(a)  $\overleftrightarrow{NO}$

(b)  $\overleftrightarrow{TP}$

(c)  $\overrightarrow{ID}$

- 4** An angle is formed when two rays have a common endpoint. Name the two rays that form the following angle.

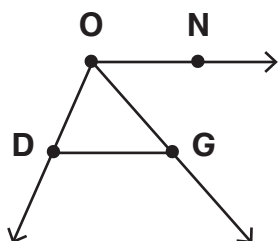




- 5 In this drawing of Line XZ, Rays YZ and YX meet at a point to form a straight line. Name all the rays other than Ray YZ and YX shown in the figure.



- 6 (a) Name all the line segments and rays shown in the figure.



- (b) Which line segments form a triangle?

- 7 Draw two lines CT and MP that intersect at Point O. Then name pairs of rays that form angles that are not straight lines.

## Puzzle 1

**0.1**

**0.2**

**0.3**

**0.4**

**0.5**

**0.6**

**0.7**

**0.8**

**0.9**

## Puzzle 2

|     |     |     |
|-----|-----|-----|
| 0.8 | 0.9 | 1   |
| 1.1 | 1.2 | 1.3 |
| 1.4 | 1.5 | 1.6 |

## Puzzle 3

**2.9**

**3.0**

**3.1**

**3.2**

**3.3**

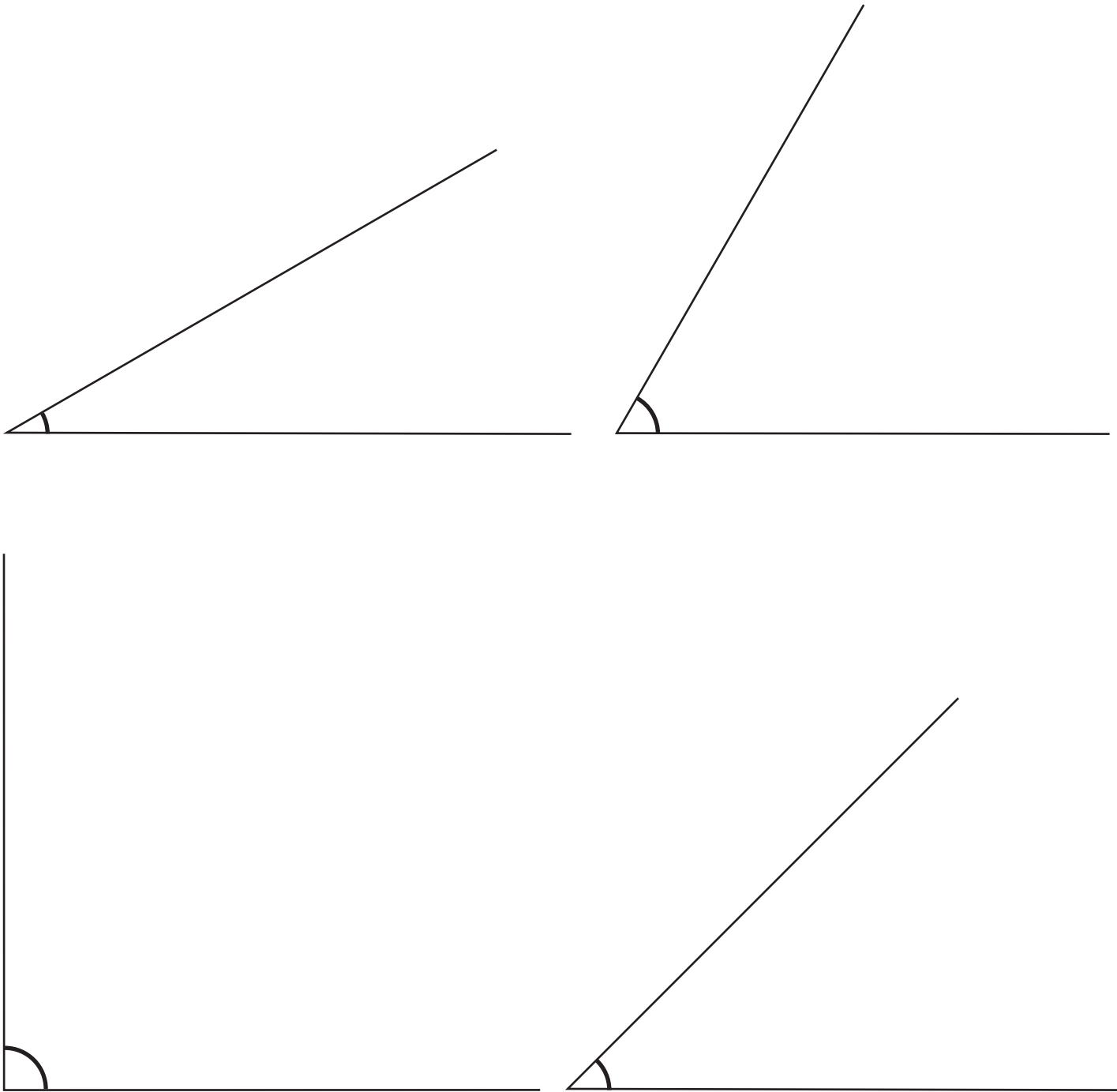
**3.4**

**3.5**

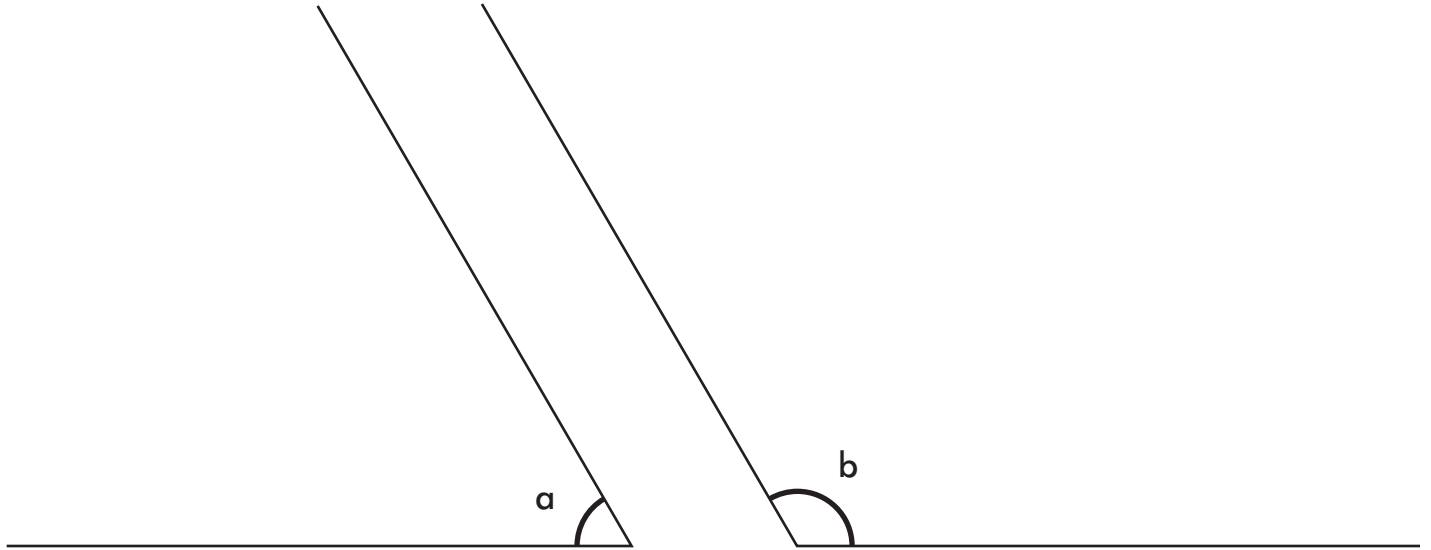
**3.6**

**3.7**

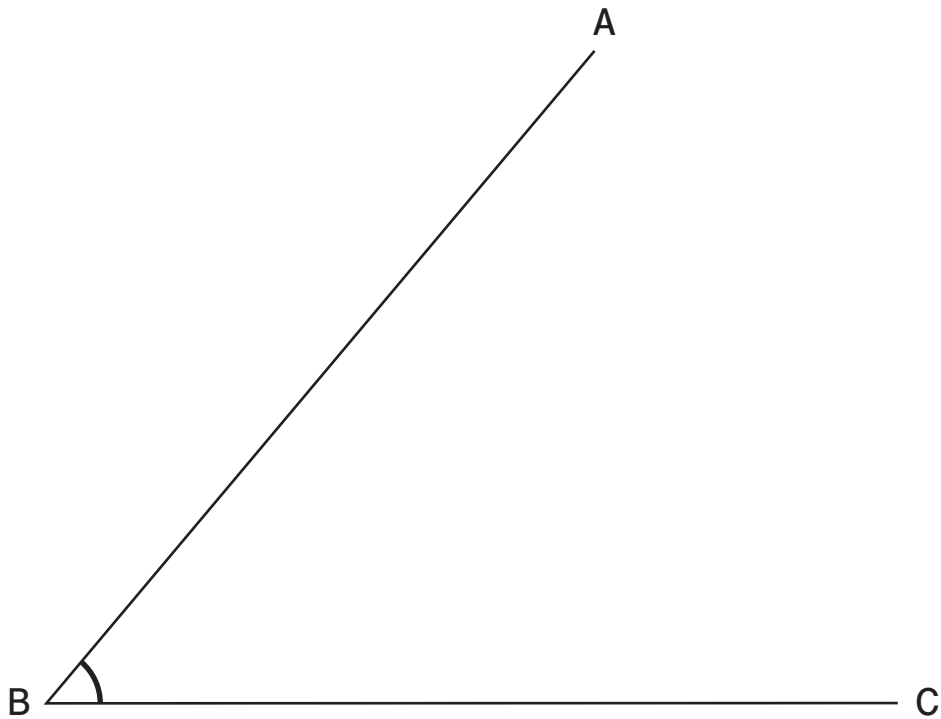
## Lesson 1 Do #4



## Lesson 2 Think (b)

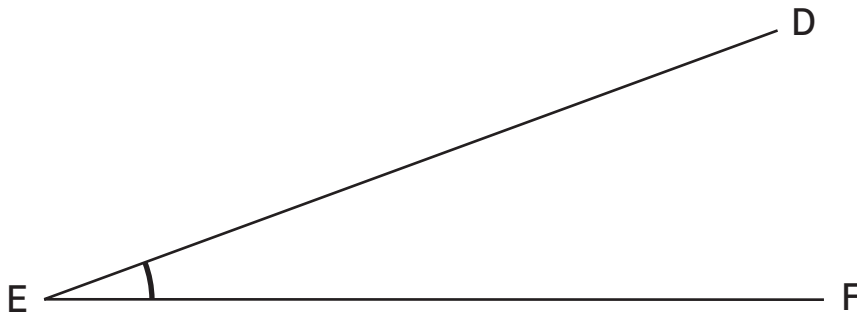


## Lesson 2 Do #3

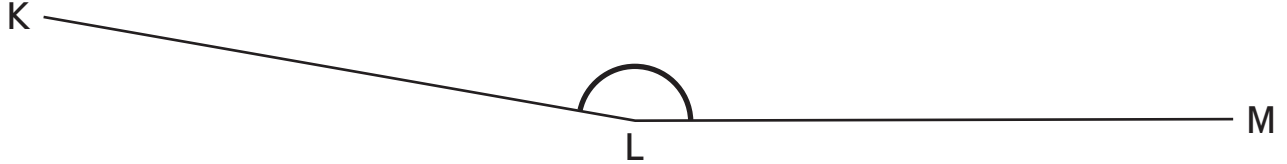


## Lesson 2 Do #4

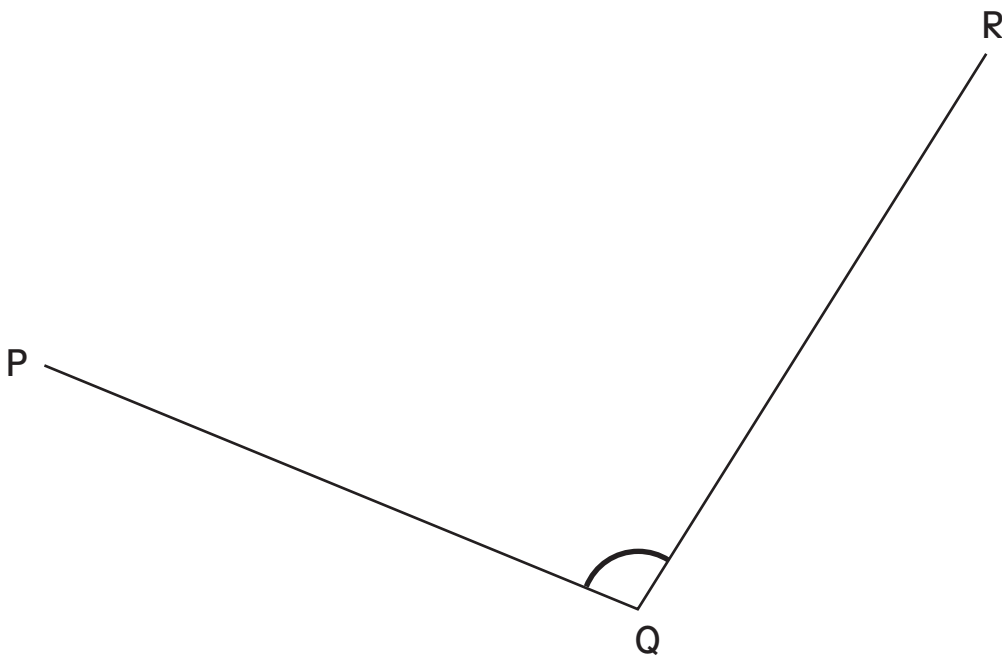
(a)



(b)

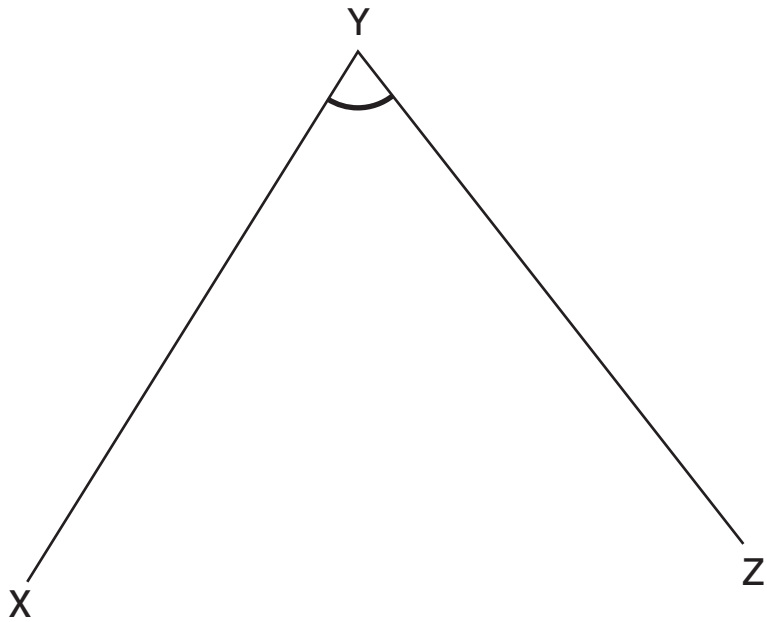


(c)



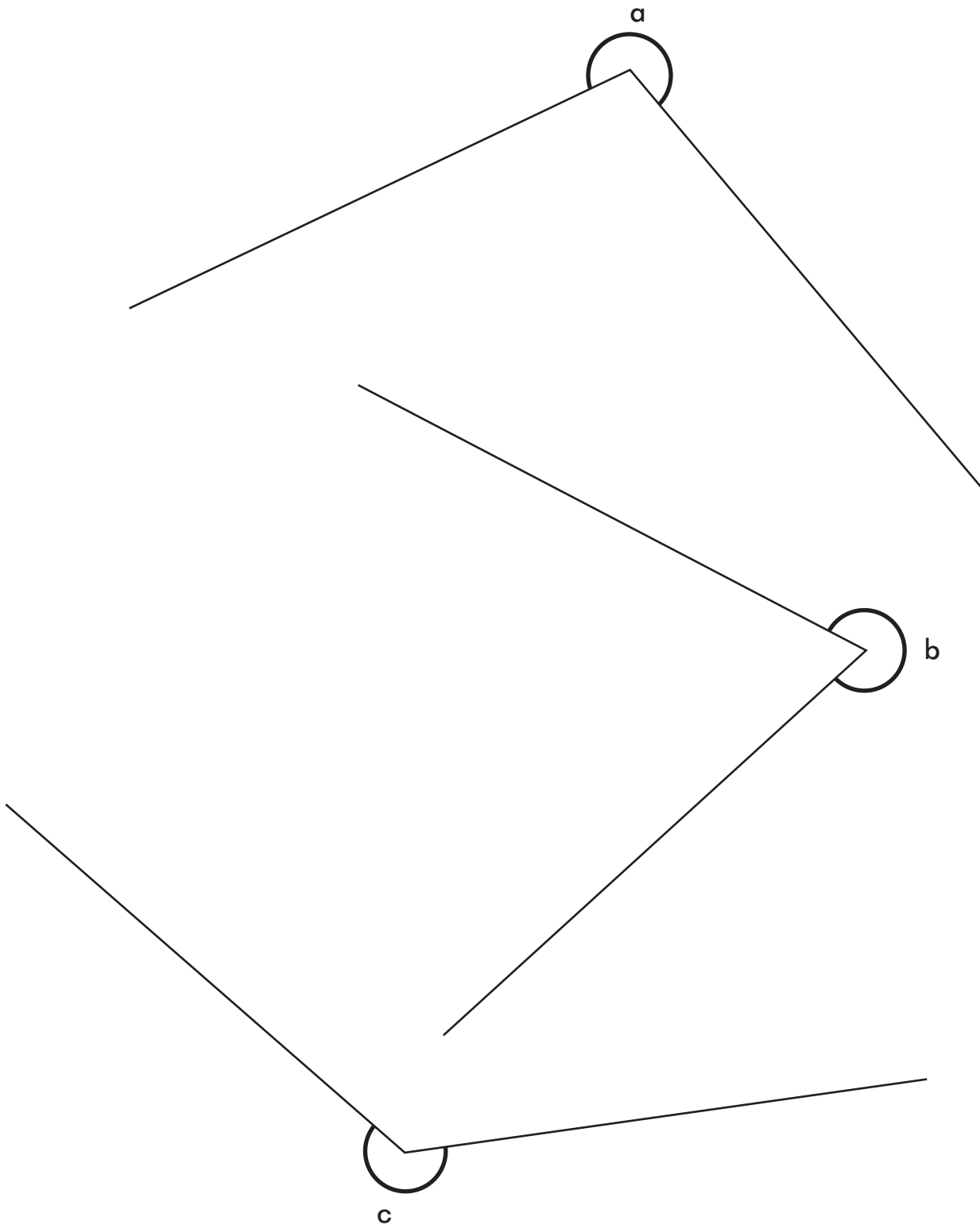
## Lesson 2 Do #4

(d)

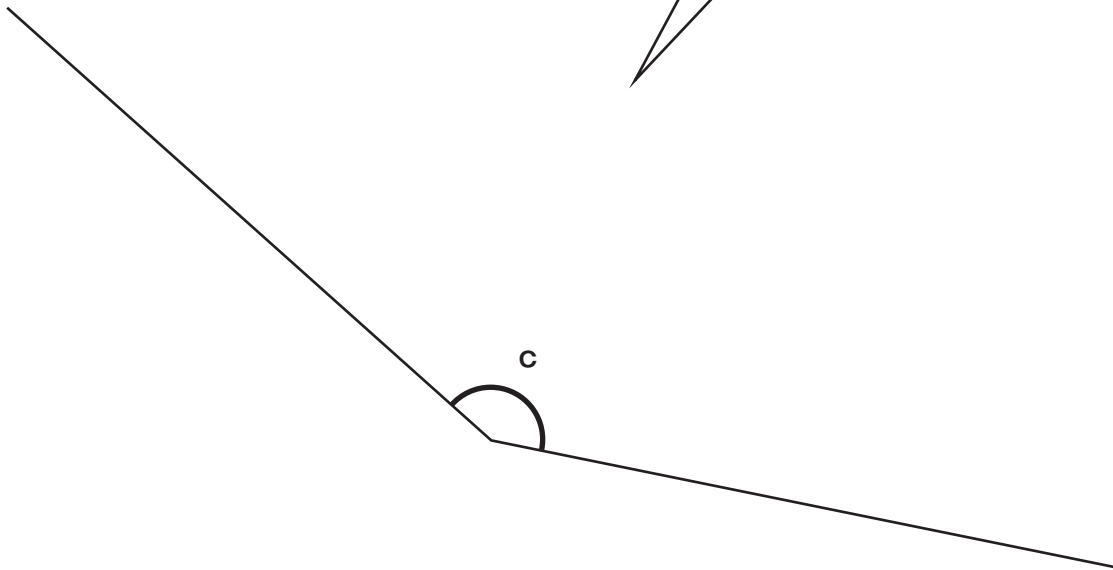
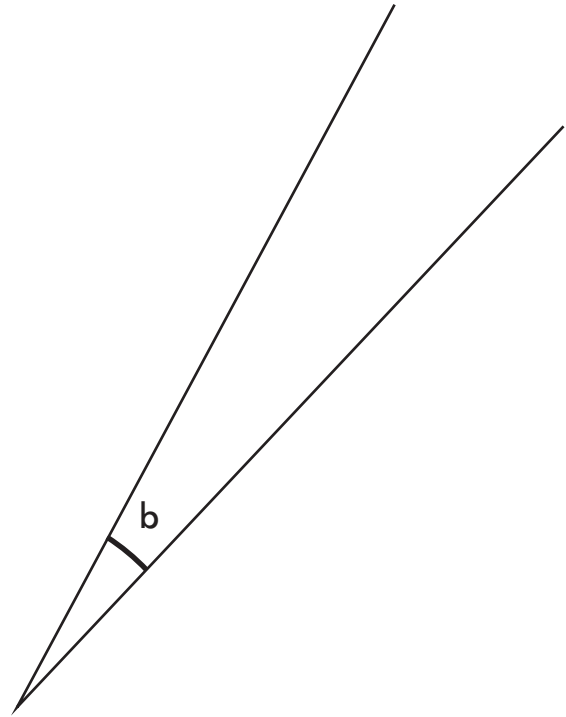
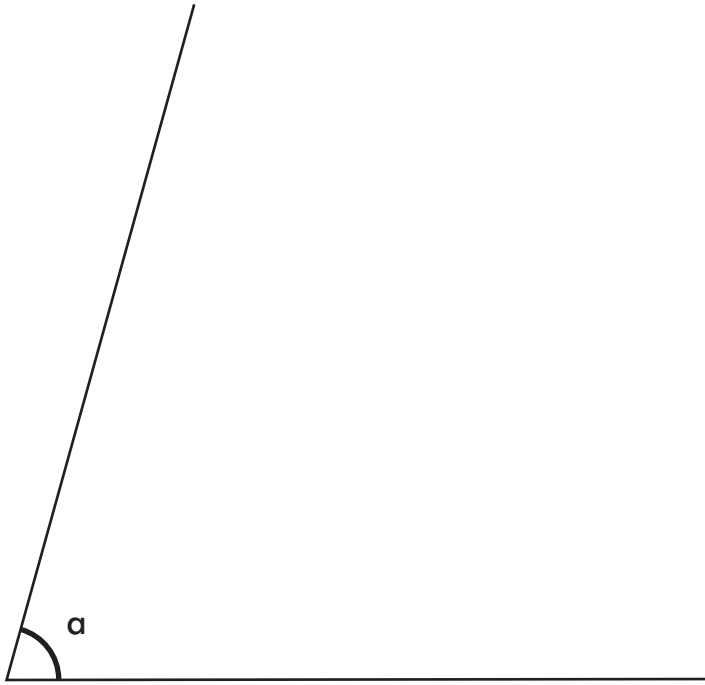




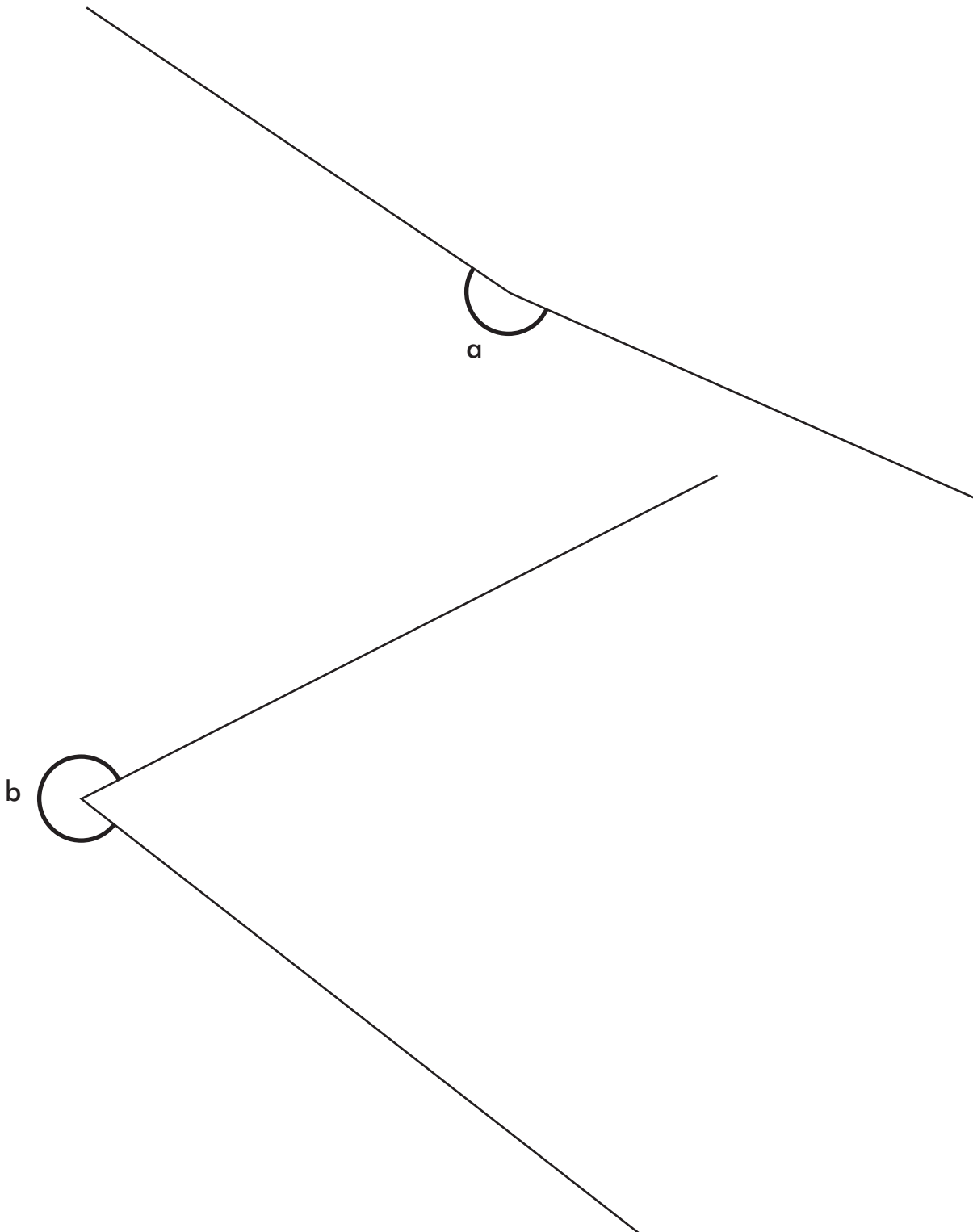
## Lesson 5 Do #4



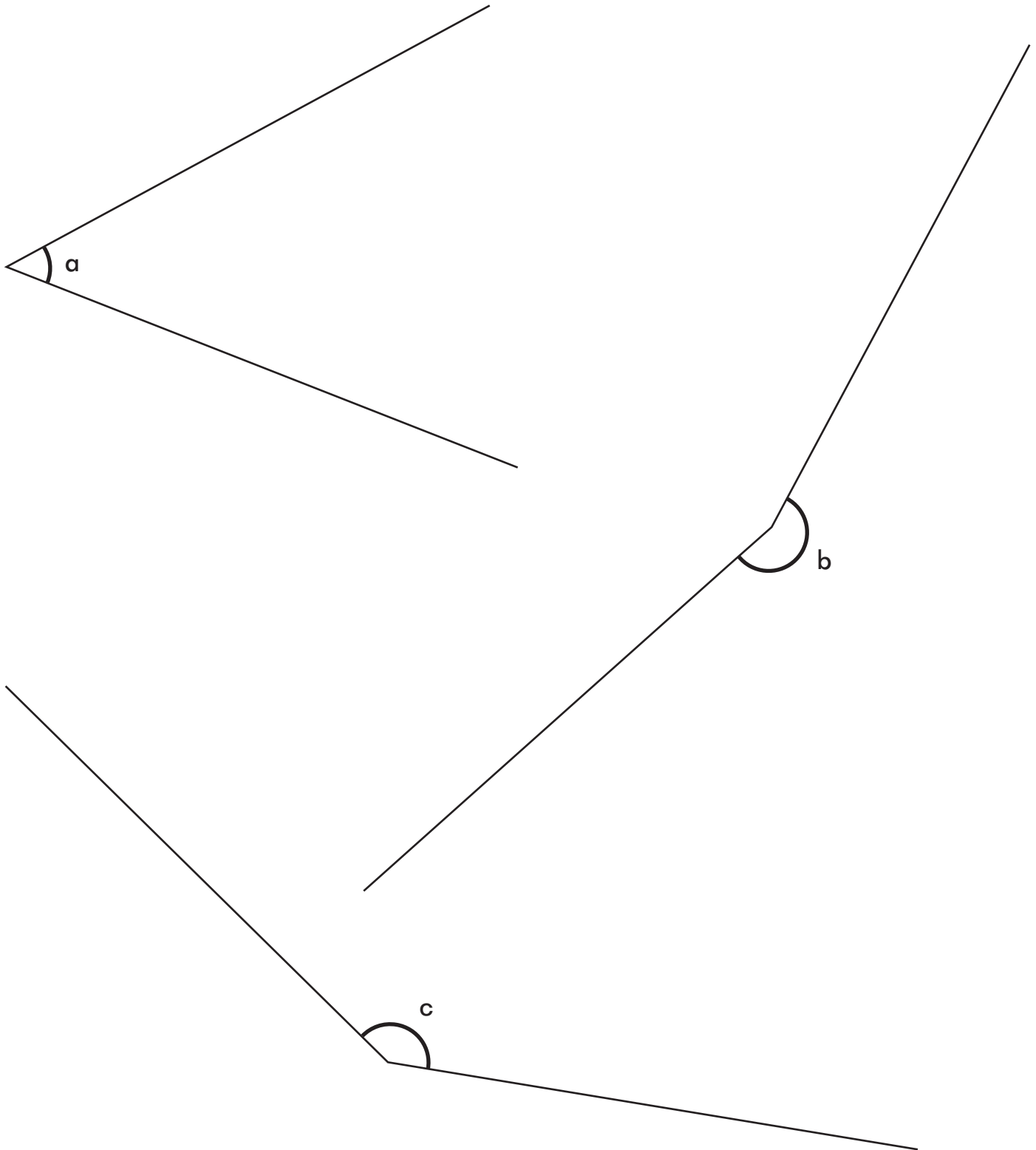
## Lesson 6 Do #2



## Lesson 6 Do #3



## Review 4 Do #10



3 c 3 fl oz

27 fl oz

1 hr 16 min

76 min

6 ft 9 in

81 in

10 yd 2 ft

32 ft

5 lb 1 oz

81 oz

8 L 100 mL

8,100 mL

1 lb 11 oz

27 oz

76 s

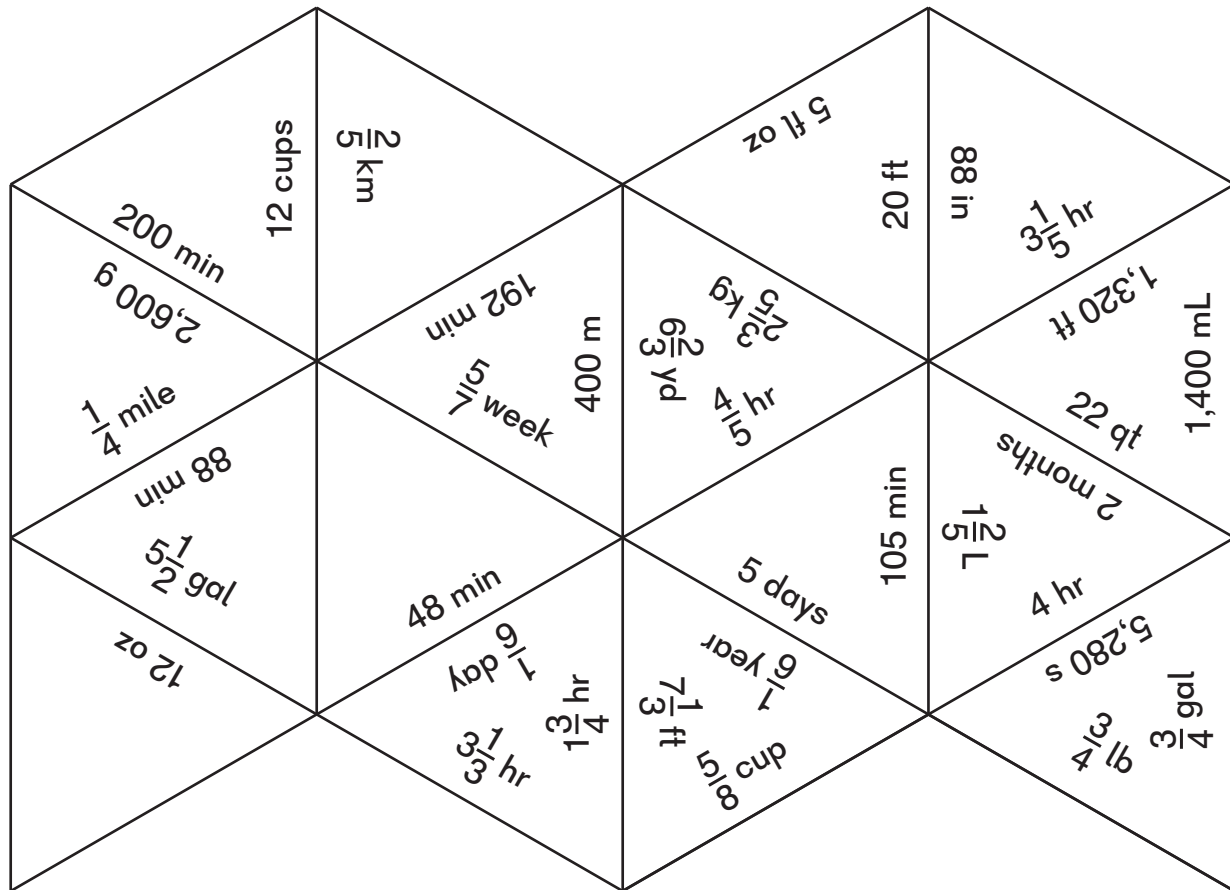
1 min 16 sec

32 c

16 pt

# Measurement Puzzle

Print on card stock paper.





$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

Sum =                     

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

Sum =                     

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

Sum =                     

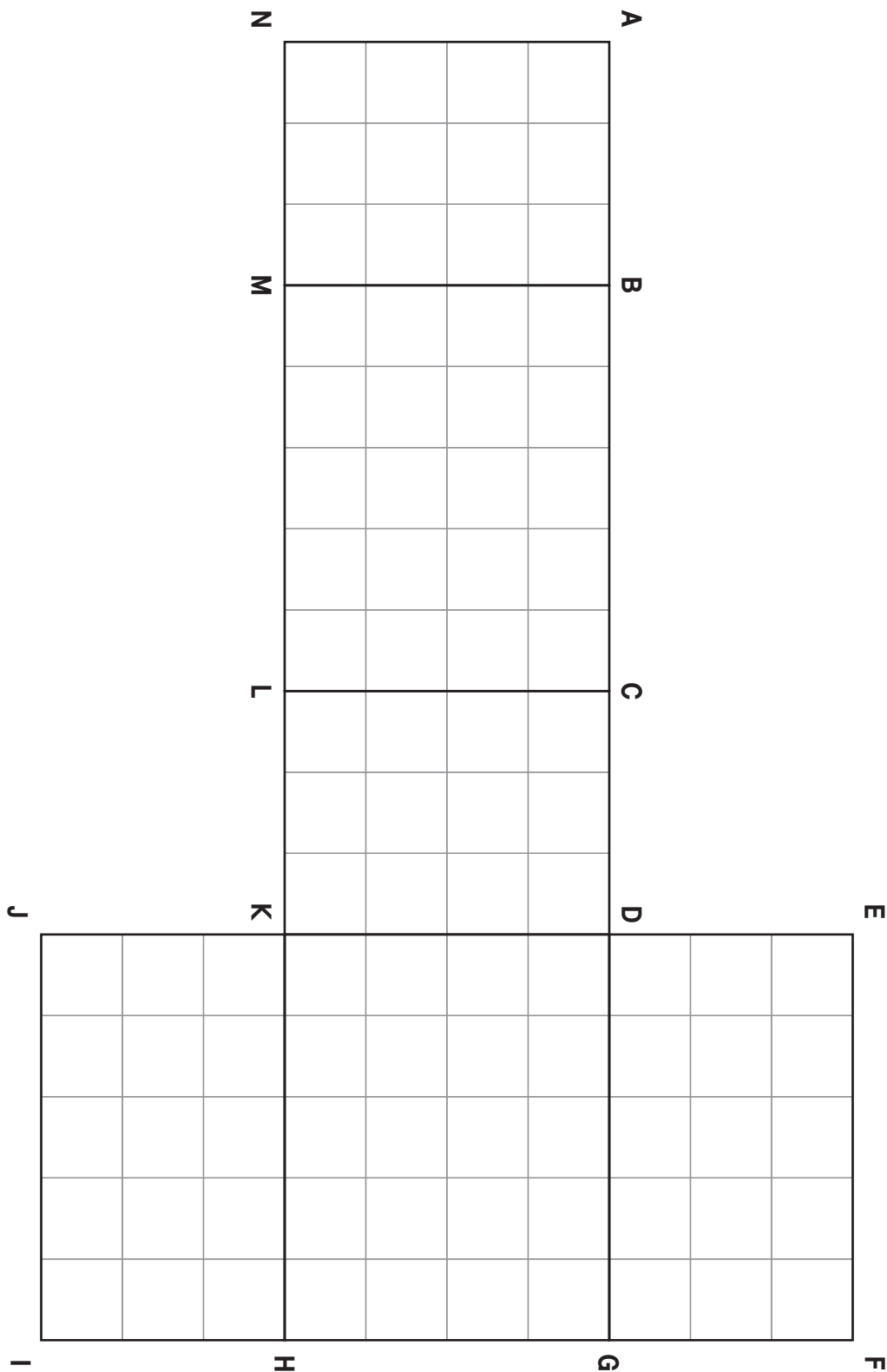
$$\square.\square \times \square = \underline{\hspace{2cm}}$$

$$\square.\square \times \square = \underline{\hspace{2cm}}$$

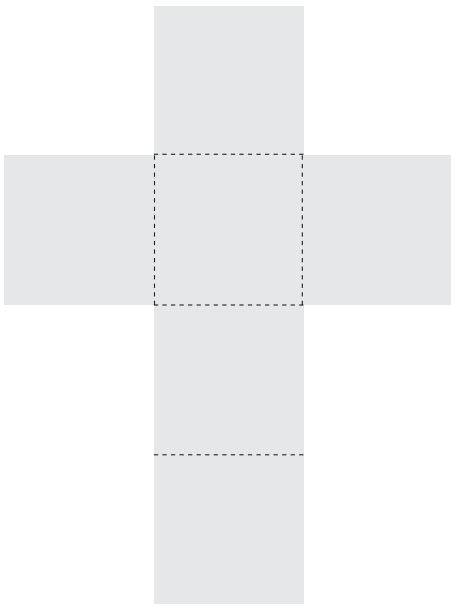
$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

$$\square.0\square \times \square = \underline{\hspace{2cm}}$$

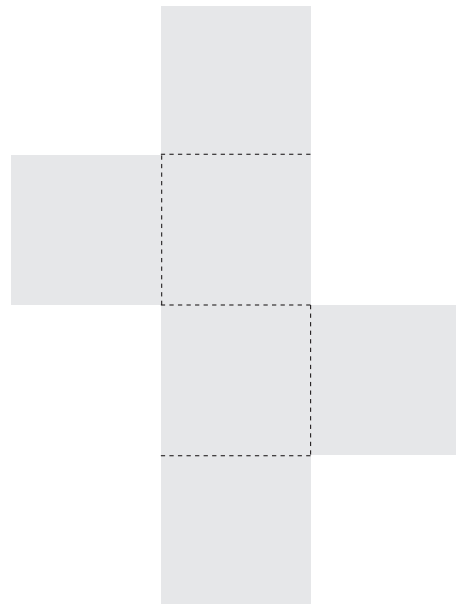
Sum =



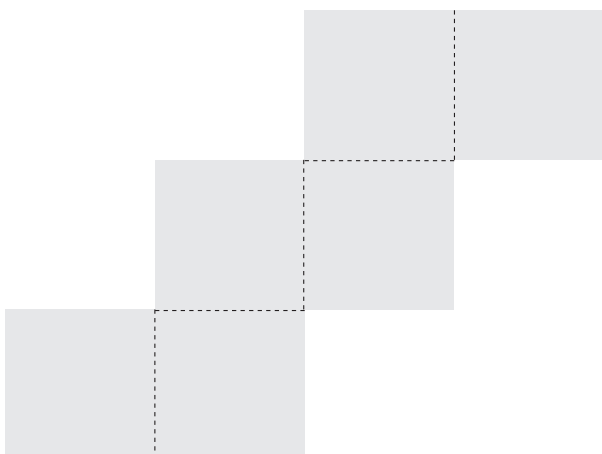
A



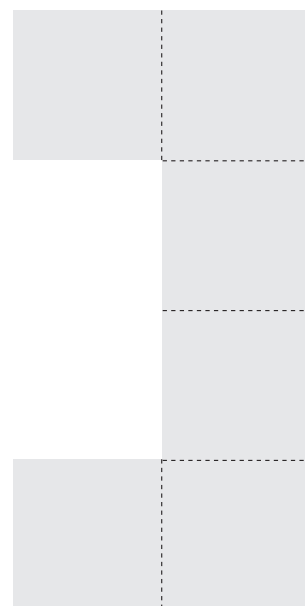
B



C



D



0

1

2

3

4

5

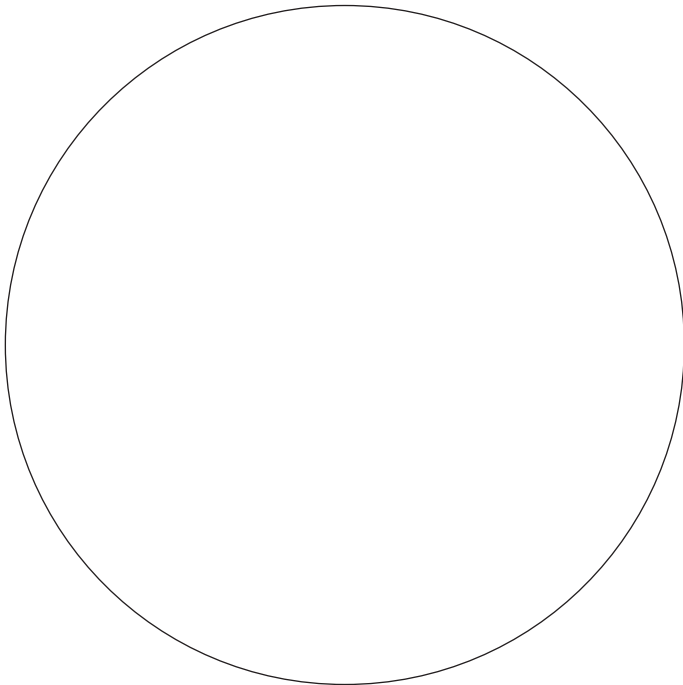
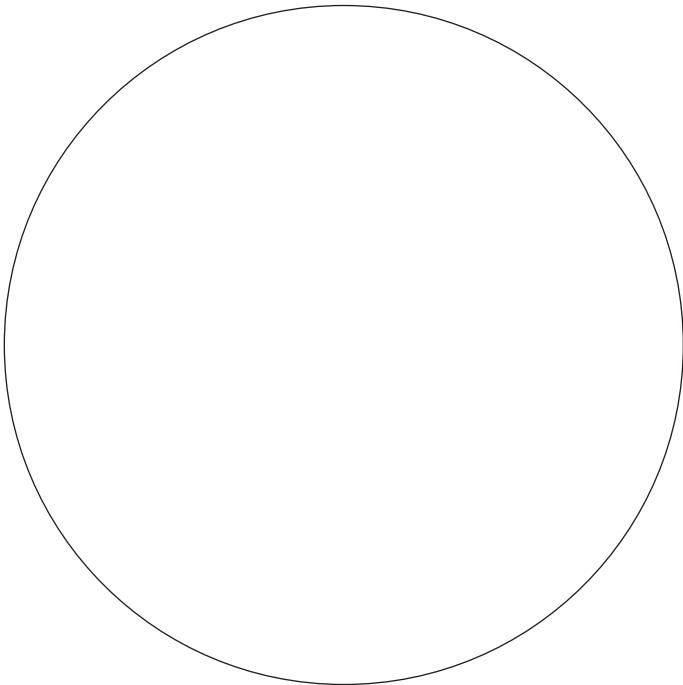
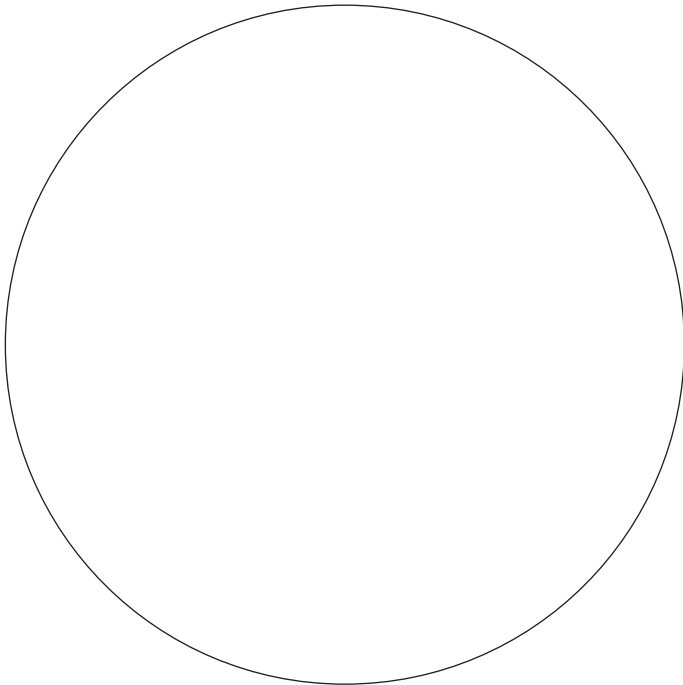
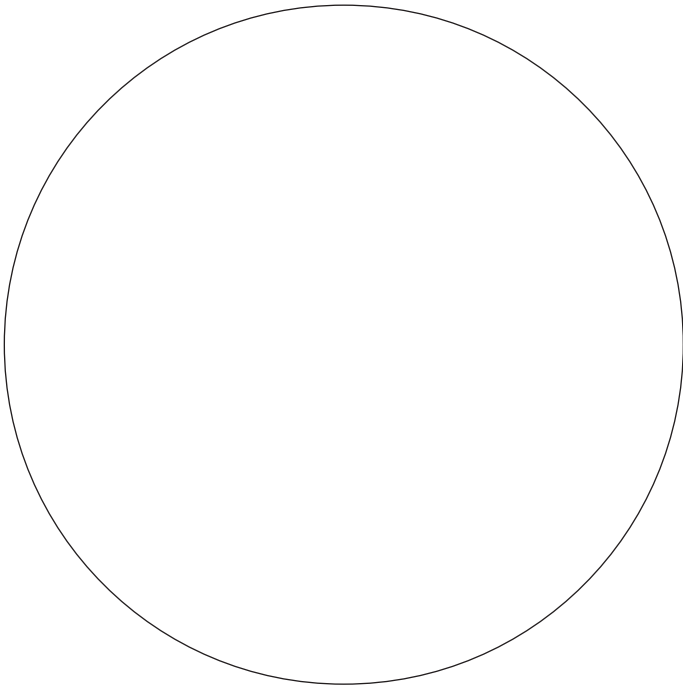
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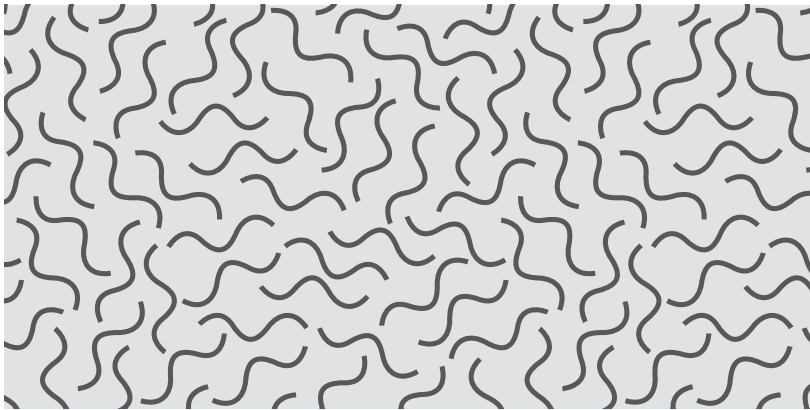
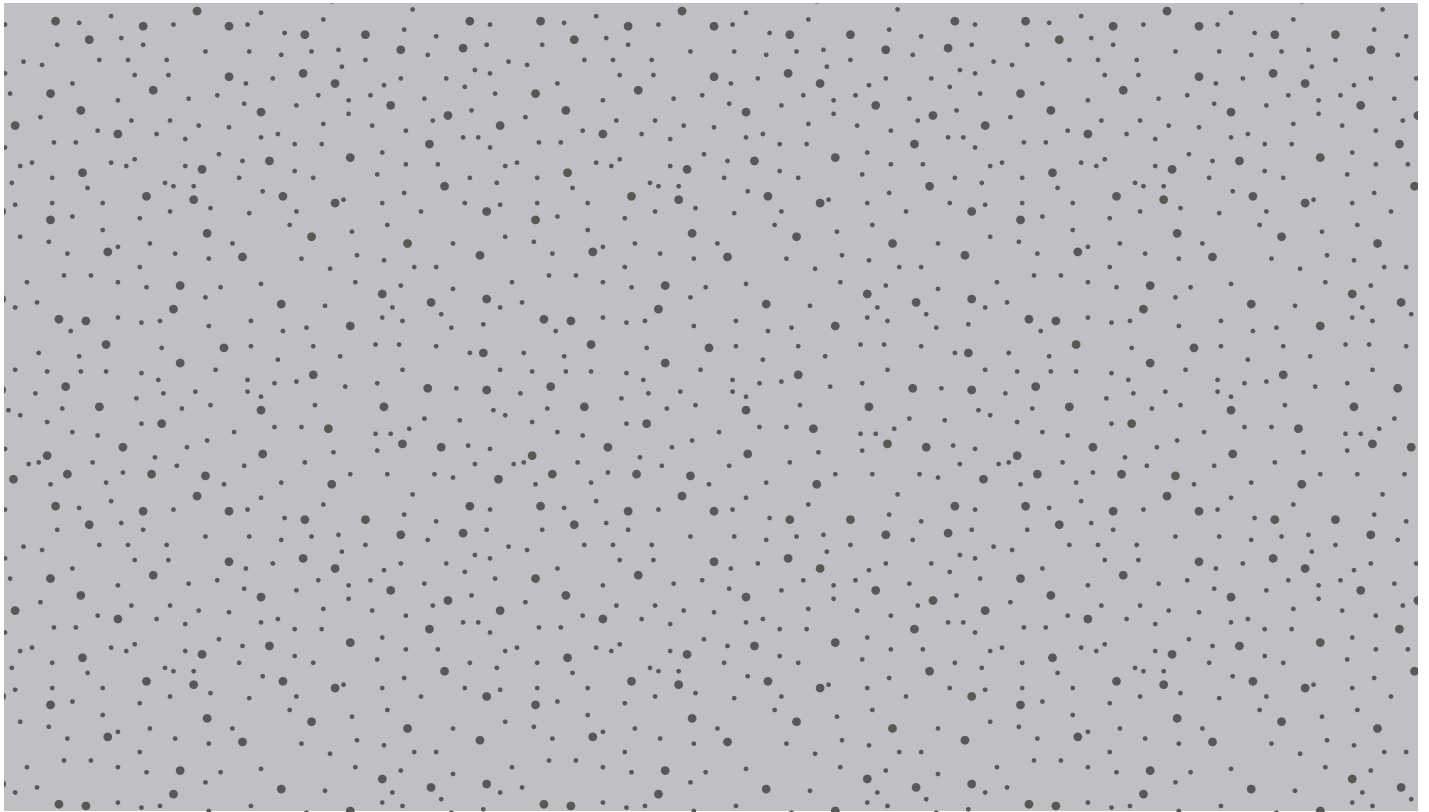
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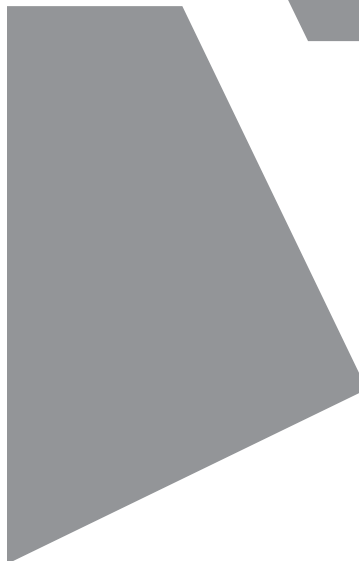
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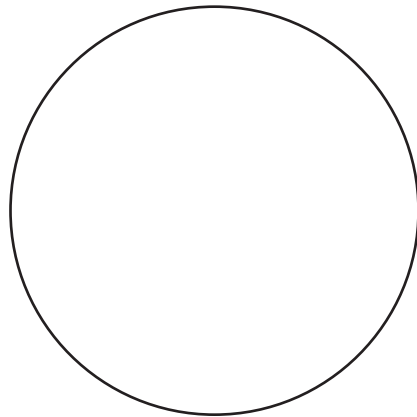
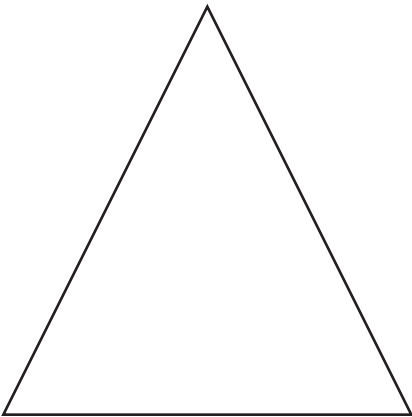
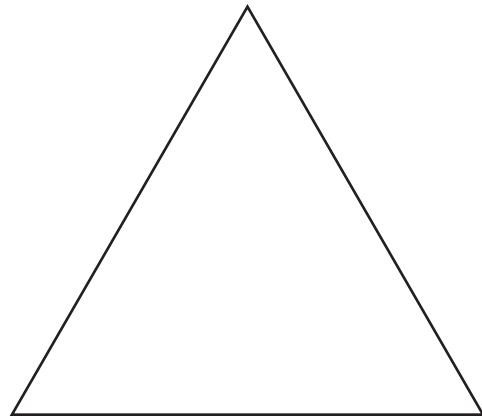
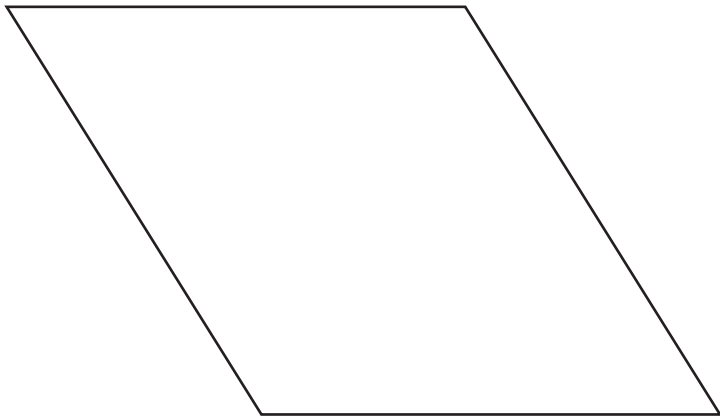
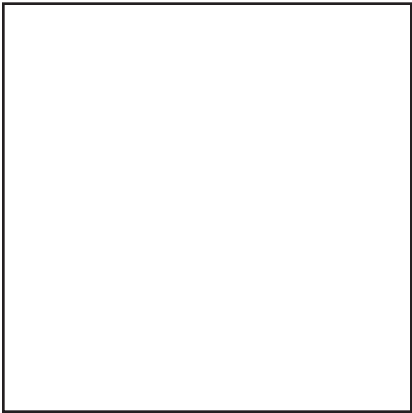
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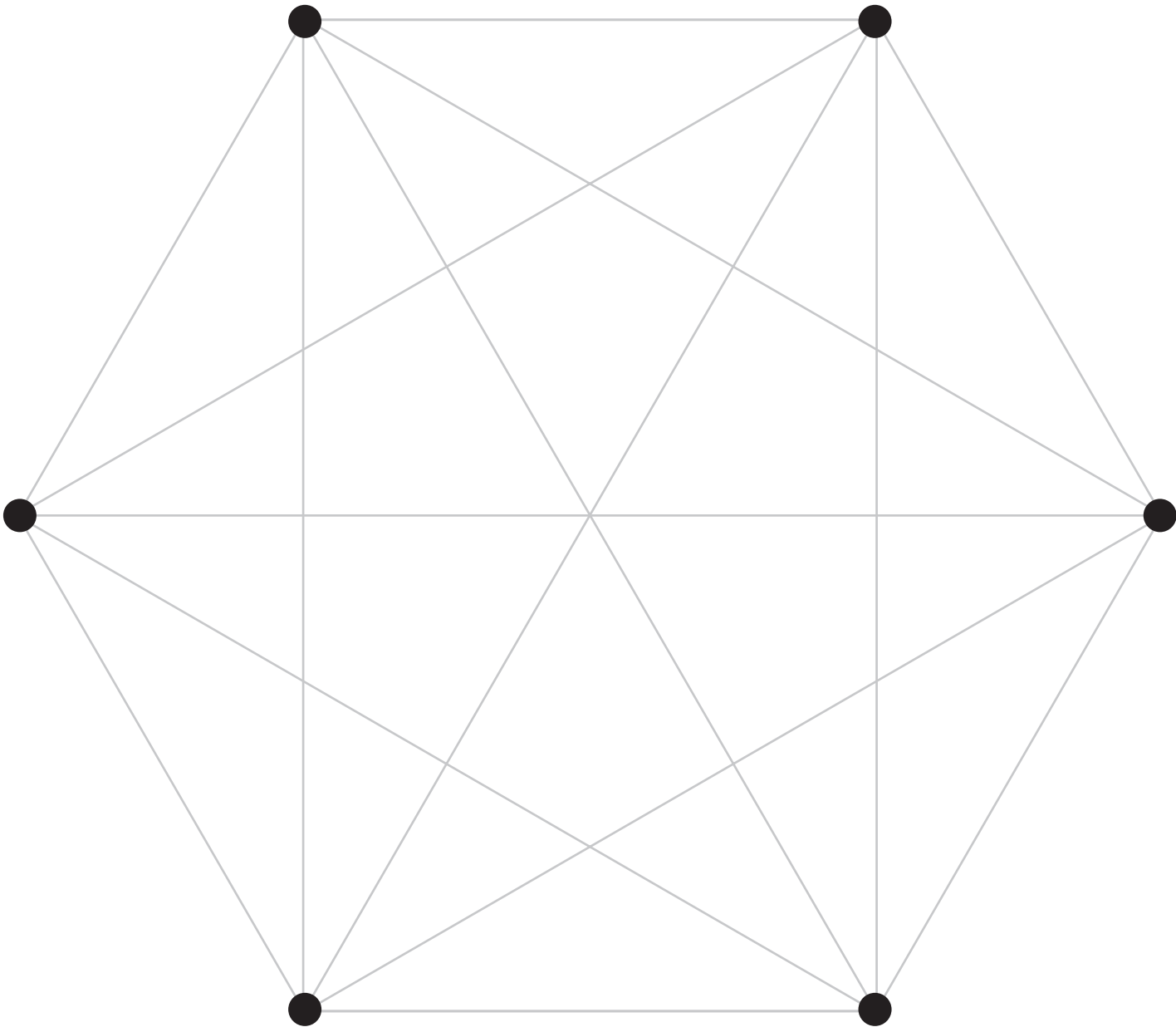


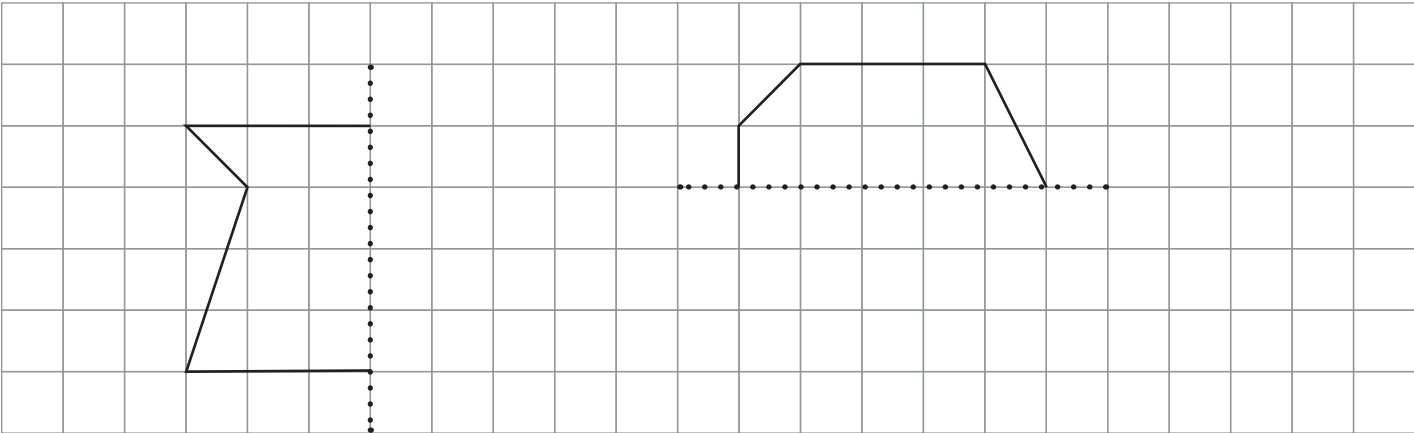
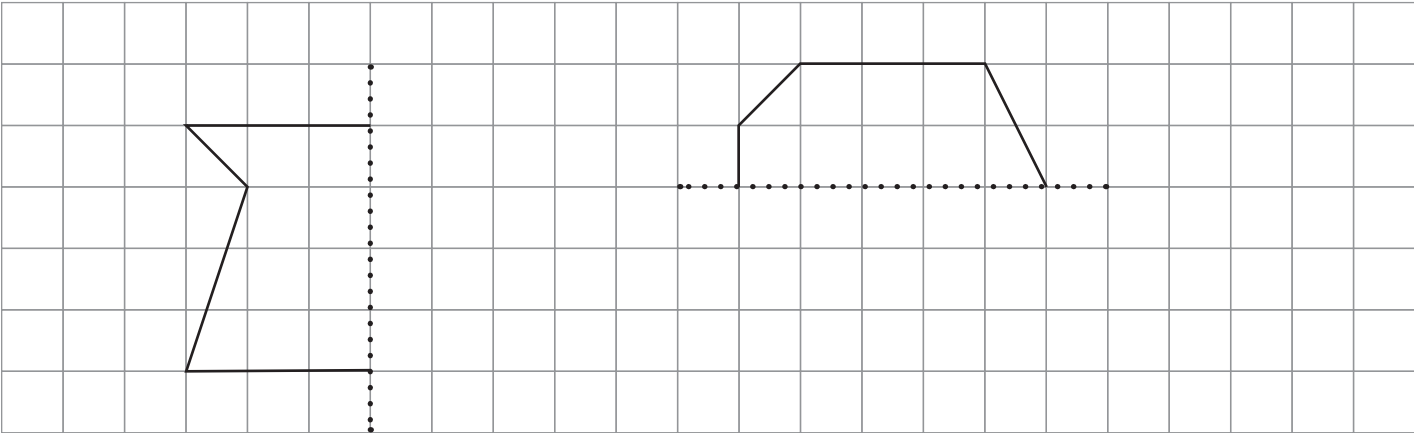




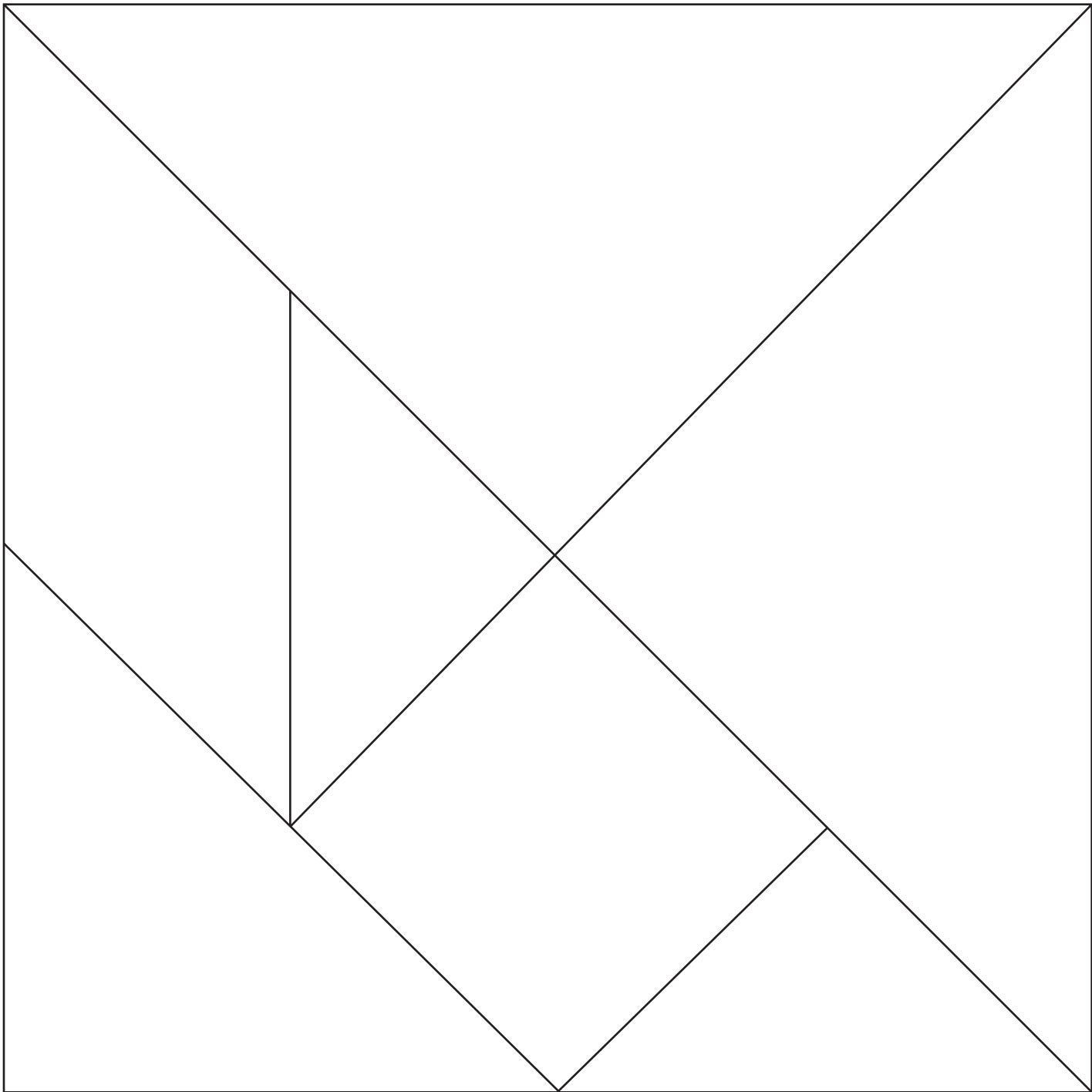








Cut on the solid lines.



## Three in a Row — Round It Game Board

Dimensions Math  
**Blackline Masters**

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 |
| 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 |
| 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 |
| 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 |
| 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 |
| 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 |
| 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 |
| 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 |
| 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10  |