

4.7(E) Fluency Practice - Warm Up

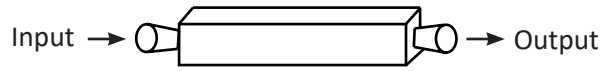
Angle 1 and angle 2 form a right angle.

The measure of angle 1 is 39° . What is the measure of angle 2?

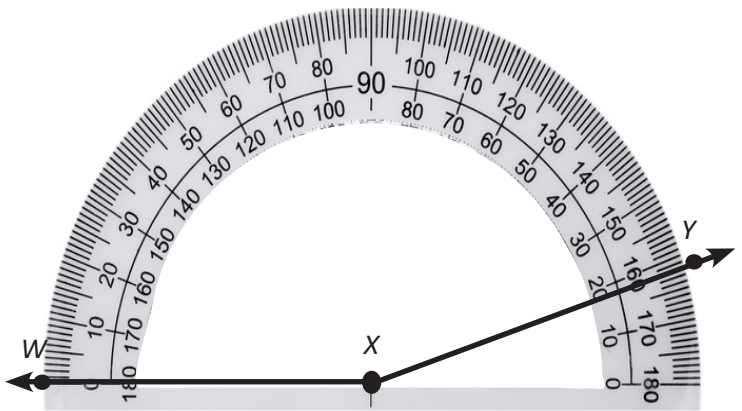
Fill in the missing numbers on the input/output table.

Input	Output
1	
2	456
3	
4	912

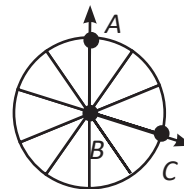
Fill in the missing expression on the number machine.



Angle WXY is shown on the protractor. What is the measure of angle X to the nearest degree?



What is the measure of angle ABC ?



71,674 rounded to the nearest thousand = _____

Convert this improper fraction into a mixed number.

$$\frac{51}{8} = \underline{\hspace{2cm}}$$

Mixed Number

- | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 1x1= | 2x1= | 3x1= | 4x1= | 5x1= | 6x1= | 7x1= | 8x1= | 9x1= | 10x1= | 11x1= | 12x1= |
| 1x2= | 2x2= | 3x2= | 4x2= | 5x2= | 6x2= | 7x2= | 8x2= | 9x2= | 10x2= | 11x2= | 12x2= |
| 1x3= | 2x3= | 3x3= | 4x3= | 5x3= | 6x3= | 7x3= | 8x3= | 9x3= | 10x3= | 11x3= | 12x3= |
| 1x4= | 2x4= | 3x4= | 4x4= | 5x4= | 6x4= | 7x4= | 8x4= | 9x4= | 10x4= | 11x4= | 12x4= |
| 1x5= | 2x5= | 3x5= | 4x5= | 5x5= | 6x5= | 7x5= | 8x5= | 9x5= | 10x5= | 11x5= | 12x5= |
| 1x6= | 2x6= | 3x6= | 4x6= | 5x6= | 6x6= | 7x6= | 8x6= | 9x6= | 10x6= | 11x6= | 12x6= |
| 1x7= | 2x7= | 3x7= | 4x7= | 5x7= | 6x7= | 7x7= | 8x7= | 9x7= | 10x7= | 11x7= | 12x7= |
| 1x8= | 2x8= | 3x8= | 4x8= | 5x8= | 6x8= | 7x8= | 8x8= | 9x8= | 10x8= | 11x8= | 12x8= |
| 1x9= | 2x9= | 3x9= | 4x9= | 5x9= | 6x9= | 7x9= | 8x9= | 9x9= | 10x9= | 11x9= | 12x9= |
| 1x10= | 2x10= | 3x10= | 4x10= | 5x10= | 6x10= | 7x10= | 8x10= | 9x10= | 10x10= | 11x10= | 12x10= |
| 1x11= | 2x11= | 3x11= | 4x11= | 5x11= | 6x11= | 7x11= | 8x11= | 9x11= | 10x11= | 11x11= | 12x11= |
| 1x12= | 2x12= | 3x12= | 4x12= | 5x12= | 6x12= | 7x12= | 8x12= | 9x12= | 10x12= | 11x12= | 12x12= |

$$\begin{array}{r} 72 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ +65 \\ \hline \end{array} \quad \begin{array}{r} 972 \\ +565 \\ \hline \end{array} \quad \begin{array}{r} 6,972 \\ +4,565 \\ \hline \end{array} \quad \begin{array}{r} 94,972 \\ +37,565 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 43 \\ -18 \\ \hline \end{array} \quad \begin{array}{r} 643 \\ -558 \\ \hline \end{array} \quad \begin{array}{r} 7,043 \\ -2,158 \\ \hline \end{array} \quad \begin{array}{r} 71,043 \\ -69,258 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ \times 61 \\ \hline \end{array}$$

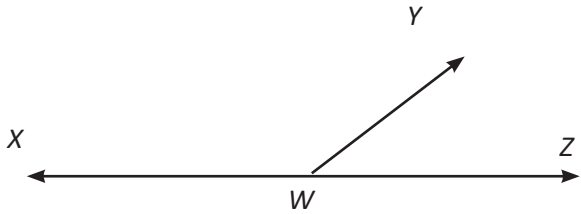
$$4 \overline{)436}$$

$$4 \overline{)1,486}$$

4.7(E) Fluency Practice - Homework

Name: _____

Angle YWX has a measure of 131° . Angle YWX is an obtuse angle.

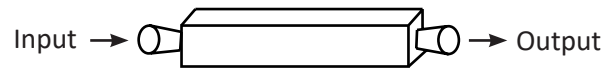


What is the measure of angle YWZ ?

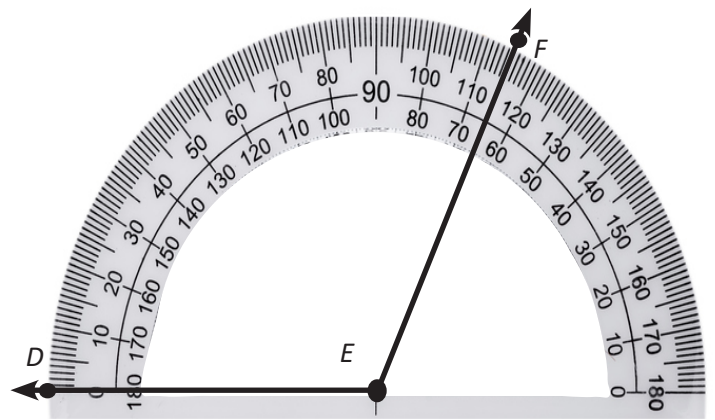
Fill in the missing numbers on the input/output table.

Input	Output
1	
2	676
3	
4	1,352

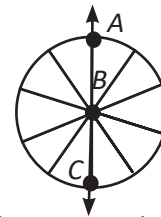
Fill in the missing expression on the number machine.



Angle DEF is shown on the protractor. What is the measure of angle E to the nearest degree?



What is the measure of angle ABC ?



13,135 rounded to the nearest thousand = _____

Convert this improper fraction into a mixed number.

$$\frac{40}{6} = \underline{\hspace{2cm}}$$

Mixed Number

1x1=	2x1=	3x1=	4x1=	5x1=	6x1=	7x1=	8x1=	9x1=	10x1=	11x1=	12x1=
1x2=	2x2=	3x2=	4x2=	5x2=	6x2=	7x2=	8x2=	9x2=	10x2=	11x2=	12x2=
1x3=	2x3=	3x3=	4x3=	5x3=	6x3=	7x3=	8x3=	9x3=	10x3=	11x3=	12x3=
1x4=	2x4=	3x4=	4x4=	5x4=	6x4=	7x4=	8x4=	9x4=	10x4=	11x4=	12x4=
1x5=	2x5=	3x5=	4x5=	5x5=	6x5=	7x5=	8x5=	9x5=	10x5=	11x5=	12x5=
1x6=	2x6=	3x6=	4x6=	5x6=	6x6=	7x6=	8x6=	9x6=	10x6=	11x6=	12x6=
1x7=	2x7=	3x7=	4x7=	5x7=	6x7=	7x7=	8x7=	9x7=	10x7=	11x7=	12x7=
1x8=	2x8=	3x8=	4x8=	5x8=	6x8=	7x8=	8x8=	9x8=	10x8=	11x8=	12x8=
1x9=	2x9=	3x9=	4x9=	5x9=	6x9=	7x9=	8x9=	9x9=	10x9=	11x9=	12x9=
1x10=	2x10=	3x10=	4x10=	5x10=	6x10=	7x10=	8x10=	9x10=	10x10=	11x10=	12x10=
1x11=	2x11=	3x11=	4x11=	5x11=	6x11=	7x11=	8x11=	9x11=	10x11=	11x11=	12x11=
1x12=	2x12=	3x12=	4x12=	5x12=	6x12=	7x12=	8x12=	9x12=	10x12=	11x12=	12x12=

4.7(E) Fluency Practice - Extra Practice

Angle YWX has a measure of 36° .

What is the measure of angle YWX ?

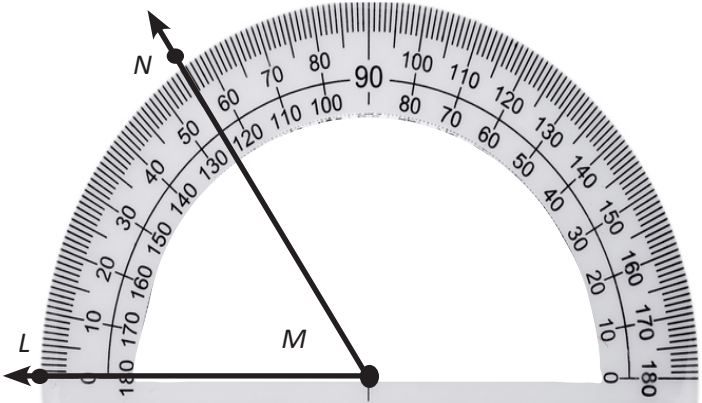
Fill in the missing numbers on the input/output table.

Input	Output
1	
2	1,472
3	
4	2,944

Fill in the missing expression on the number machine.

Input \rightarrow \rightarrow Output

Angle LMN is shown on the protractor. What is the measure of angle M to the nearest degree?

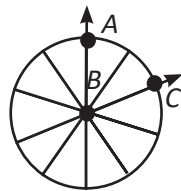


$$\begin{array}{r} 68 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 68 \\ +67 \\ \hline \end{array} \quad \begin{array}{r} 968 \\ +567 \\ \hline \end{array} \quad \begin{array}{r} 6,988 \\ +4,567 \\ \hline \end{array} \quad \begin{array}{r} 94,988 \\ +37,567 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ -19 \\ \hline \end{array} \quad \begin{array}{r} 636 \\ -559 \\ \hline \end{array} \quad \begin{array}{r} 7,036 \\ -2,159 \\ \hline \end{array} \quad \begin{array}{r} 82,036 \\ -69,259 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 65 \\ \hline \end{array} \quad \begin{array}{r} 74 \\ \times 66 \\ \hline \end{array} \quad \begin{array}{r} 75 \\ \times 67 \\ \hline \end{array}$$

What is the measure of angle ABC ?



14,503 rounded to the nearest thousand = _____

Convert this improper fraction into a mixed number.

$$\frac{78}{7} = \underline{\hspace{2cm}}$$

Mixed Number

1x1=	2x1=	3x1=	4x1=	5x1=	6x1=	7x1=	8x1=	9x1=	10x1=	11x1=	12x1=
1x2=	2x2=	3x2=	4x2=	5x2=	6x2=	7x2=	8x2=	9x2=	10x2=	11x2=	12x2=
1x3=	2x3=	3x3=	4x3=	5x3=	6x3=	7x3=	8x3=	9x3=	10x3=	11x3=	12x3=
1x4=	2x4=	3x4=	4x4=	5x4=	6x4=	7x4=	8x4=	9x4=	10x4=	11x4=	12x4=
1x5=	2x5=	3x5=	4x5=	5x5=	6x5=	7x5=	8x5=	9x5=	10x5=	11x5=	12x5=
1x6=	2x6=	3x6=	4x6=	5x6=	6x6=	7x6=	8x6=	9x6=	10x6=	11x6=	12x6=
1x7=	2x7=	3x7=	4x7=	5x7=	6x7=	7x7=	8x7=	9x7=	10x7=	11x7=	12x7=
1x8=	2x8=	3x8=	4x8=	5x8=	6x8=	7x8=	8x8=	9x8=	10x8=	11x8=	12x8=
1x9=	2x9=	3x9=	4x9=	5x9=	6x9=	7x9=	8x9=	9x9=	10x9=	11x9=	12x9=
1x10=	2x10=	3x10=	4x10=	5x10=	6x10=	7x10=	8x10=	9x10=	10x10=	11x10=	12x10=
1x11=	2x11=	3x11=	4x11=	5x11=	6x11=	7x11=	8x11=	9x11=	10x11=	11x11=	12x11=
1x12=	2x12=	3x12=	4x12=	5x12=	6x12=	7x12=	8x12=	9x12=	10x12=	11x12=	12x12=