Memorial Day Math Activities
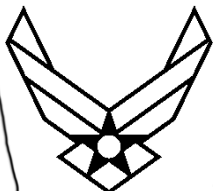
For Middle Level Learners

What is Included:

1. Remember: The time when... (2 Pages) - Not double-sided
   - Students solve <u>area and perimeter</u> math problems to solve for the time an event took place.
   - Complex shapes are involved including: squares, rectangles and triangles.
2. Remember: Fraction of a Speech (1 Page)
   - Students solve <u>adding and subtracting fractions</u> math problems to solve for the missing portions of the first Memorial Day speech given by James A. Garfield.
   - Includes mixed numbers.
3. Remember: Trivia Crossword (2 Pages) - Single or Double-sided
   - Students solve <u>order of operation</u> math problems to solve each question to fill in the crossword.
   - Each question reveals something unique about Memorial Day
   - Includes exponents.
4. Remember: Color Block (2 pages) - Single or Double-sided
   - Students solve for <u>missing angle measure</u> or <u>transformations</u> to color in the picture.

Name: _____

Remember: The time when...

Directions:

1. Solve the <u>area and perimeter</u> problems on the next page.
2. Cut out the answer with picture from this page.
3. Glue the picture on top of the question.
4. Color in finished product.
5. Cut out pendant to hang.

The first official Memorial Day was observed in **1868**.

In **1864**, women began the tradition of placing flowers on the graves of those who fell in war.

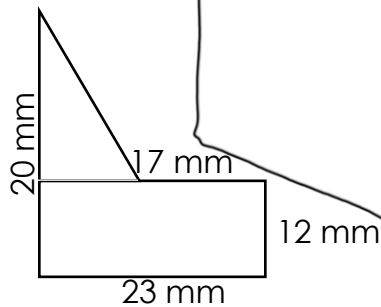Official National Moment of Remembrance is at **3:00** pm.

U.S.ARMY

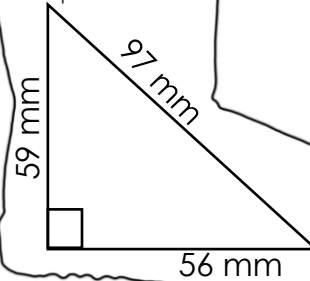It wasn't until **1971** that Memorial Day was declared a national holiday.

In **1966**, Waterloo, New York was officially declared the birth place of Memorial Day.
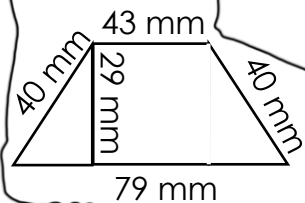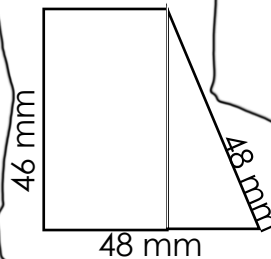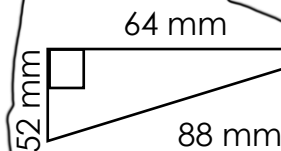
Remember Those Who Have Served

Solve for area.

20 mm

17 mm

12 mm

23 mm

Add total area and perimeter

59 mm

97 mm

56 mm

Add total area and perimeter

43 mm

40 mm

29 mm

40 mm

79 mm

Add total area and perimeter

30 mm

46 mm

48 mm

48 mm

48 mm

Add total area and perimeter

64 mm

52 mm

88 mm

Name: _____

remember: Fraction of a Speech

Directions:

1. Solve each problem under a blank lane.
2. Search for your answer in the bank.
3. Write the word next to your answer on the line to reveal the fraction of a speech.

I am _____ with a sense of the _____ of uttering words on this

$1\frac{2}{3} + 2\frac{1}{8}$ $\frac{5}{6} + 1\frac{3}{4}$

occasion. If _____ is ever _____, it must be here beside the

$3\frac{1}{4} - 2\frac{3}{8}$ $1\frac{2}{5} + 1\frac{3}{10}$

_____ of fifteen thousand men, whose lives were more _____ than

$2\frac{3}{8} - \frac{2}{3}$ $5\frac{1}{2} + 5\frac{1}{4}$

speech, and whose death was a _____, the music of which can never be sung.

$\frac{7}{9} - \frac{7}{12}$

Bank

$1\frac{4}{5}$	$\frac{0}{3}$	$2\frac{2}{3}$	$2\frac{7}{12}$	$2\frac{11}{19}$
pain	tragedy	faces	impropriety	important
$2\frac{1}{3}$	$3\frac{19}{24}$	$\frac{5}{12}$	$2\frac{3}{8}$	$1\frac{23}{24}$
necessary	oppressed	disaster	graves	silence
$2\frac{1}{24}$	$2\frac{7}{10}$	$\frac{7}{36}$	$2\frac{11}{18}$	$3\frac{3}{11}$
sound	golden	poem	significant	content

Name: _____

REMEMBER: Trivia Crossword

Directions:

1. Solve each order of operations problem from the next page.
2. Find your answer in the bank to find the word to write in the crossword.
3. Write the word you found in the correct spot in the crossword.

ACROSS

3 What red flowers are used to commemorate fallen soldiers? $3 \times 3^2 - 6 \times 2$

6 Who gave the first Memorial Day speech? $18 \div (13 - 2^2) + 4^2$

7 What American symbol is placed on fallen soldiers graves? $10 + (16 - 9) \times 4 + 1$

8 Some Southern states celebrate what type of Memorial Day? $5 + 6 - 4 \times 2 + 2^2$

DOWN

1 It wasn't until after WWI that which part of the U.S. adopted Memorial Day as a holiday?

$$36 \div 4 + 11 - (6 + 8) \div 2$$

2 What was Memorial Day originally called? $(16 - 11 + 5^2) \div 6 + 4$

4 Originally Memorial Day was to honor which war? $3^2 \times 3 + 5^2 - 4^2$

5 What Monday of May is Memorial Day? $(6^2 - 10 \div 2) + (16 + 9 - 5^2)$

Bank

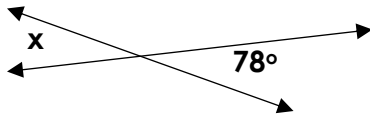| 39 – flag	7 – confederate	42 – daisies
9 – Decoration	36 – Civil	13 – south
27 – north	15 – poppies	3 – Condolence
18 – Garfield	30 – first	31 – last
56 – Union	6 – Coolidge	69 – bird

Name: _____

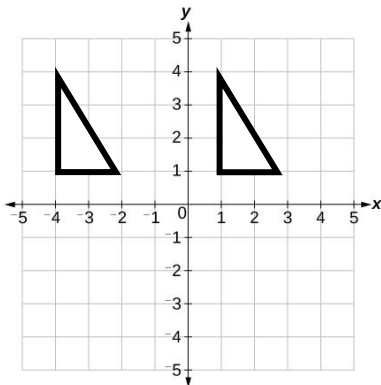# REMEMBER: Color Block

Directions:

1. Solve each problem.
2. Circle your answer and find the color that goes with it.
3. Color in each of the spots with that number the correct color on the coloring page.
4. All blank spaces are colored light blue.
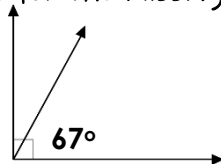
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1. Solve for the missing angle measure.

x

78°

A – 102° (dark blue)   B – 112° (yellow)

C – 88° (pink)   D – 78° (red)

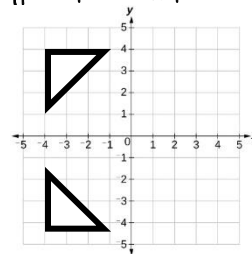2. How much did the shape translate left?

A – 5 (yellow)   B – 6 (white)

C – 2 (orange)   D – 4 (dark green)
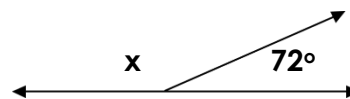
3. Solve for the missing angle measure.

67°

A – 77° (pink)   B – 23° (light green)

C – 13° (blue)   D – 113° (black)

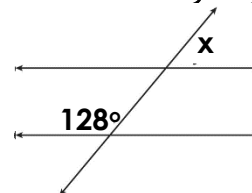4. What type of transformation occurred?

A – reflection (1 black)   B – rotation (2 pink)

C – translation (3 orange)   D – dilation (4 blue)
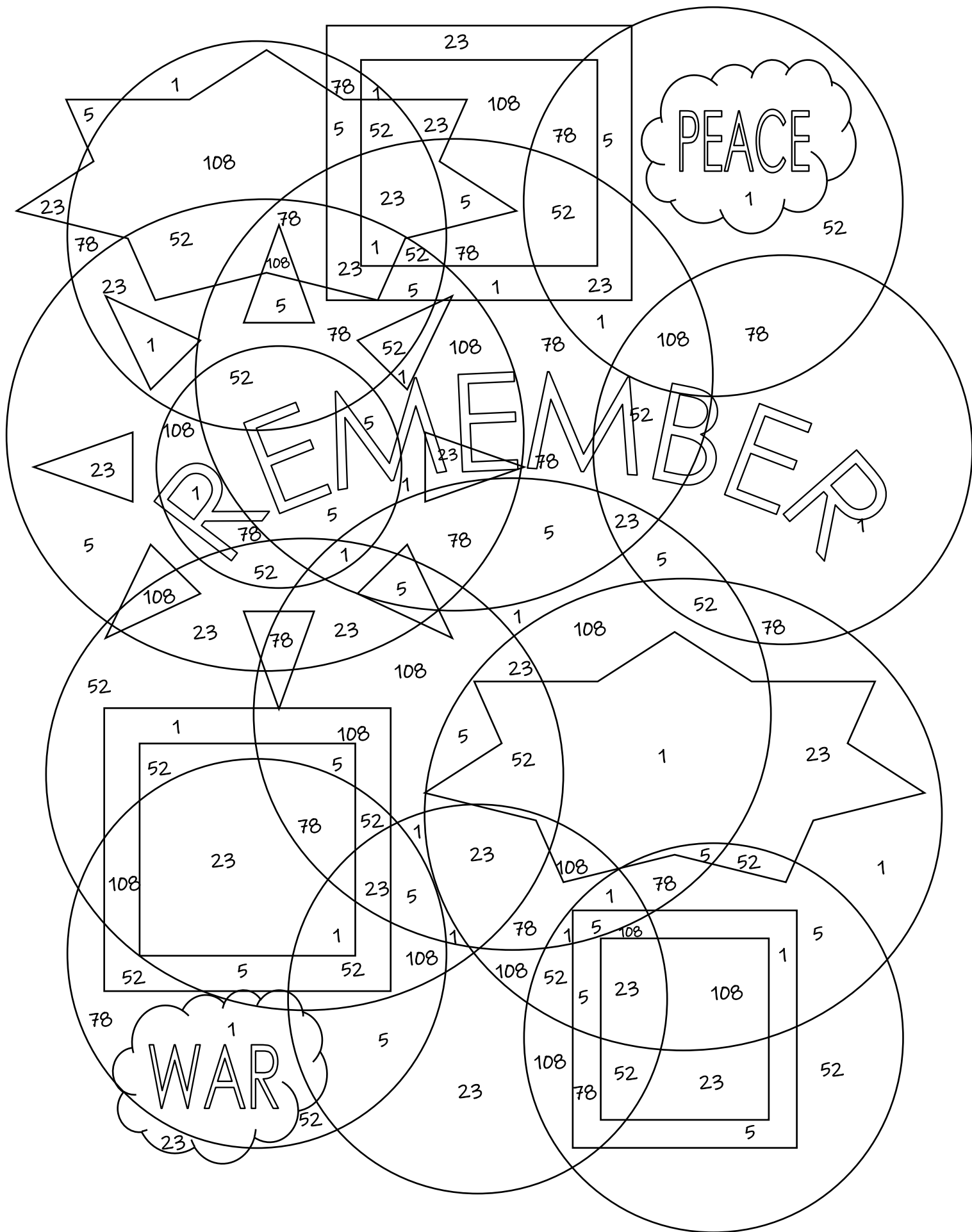
5. Solve for the missing angle measure.

x   72°

A – 72° (white)   B – 8° (blue)

C – 108° (orange)   D – (purple)

6. Solve for the missing angle measure.

x

128°

A – 142° – (light blue)   B – 12° (brown)

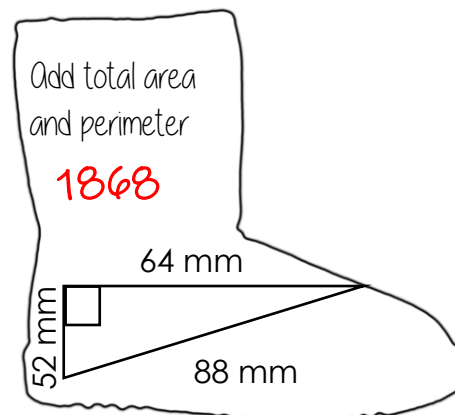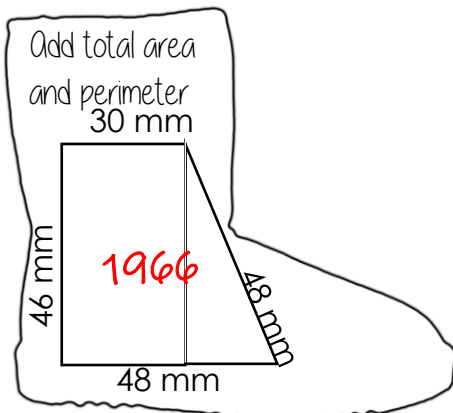C – 52° – (purple)   D – 22° (dark green)

PEACE

REMEMBER

WAR

REMEMBER

ANSWER KEYS

Remember
Those Who
Have Served
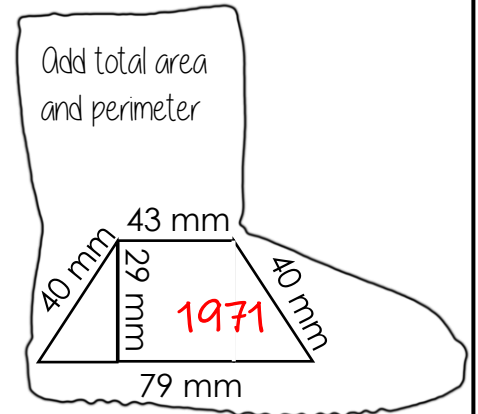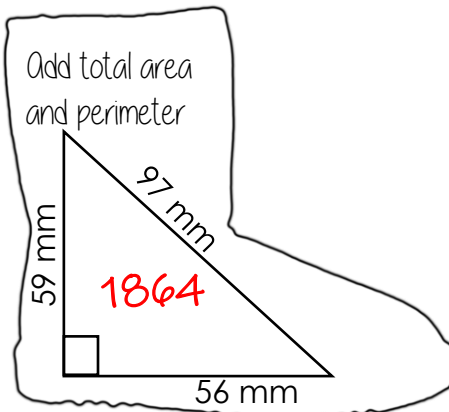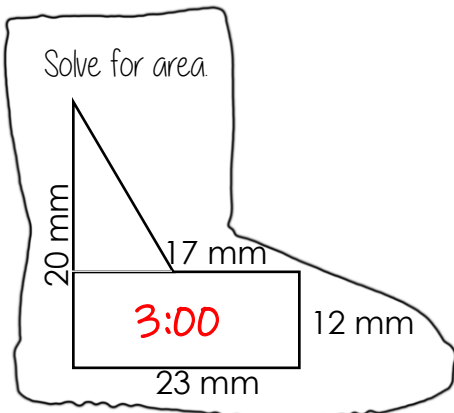
Add total area
and perimeter

97 mm

59 mm

1864

56 mm

Solve for area.

20 mm

17 mm

3:00

12 mm

23 mm

Add total area
and perimeter

43 mm

40 mm

29 mm

40 mm

1971

79 mm

Add total area
and perimeter

30 mm

46 mm

1966

48 mm

48 mm

48 mm

Add total area
and perimeter

1868

64 mm

52 mm

88 mm

remember:

Fraction of a Speech

Directions:

1. Solve each problem under a blank lane.
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3. Write the word next to your answer on the line to reveal the fraction of a speech.

I am __oppressed__ with a sense of the __impropriety__ of uttering words on this
$$1\frac{2}{3} + 2\frac{1}{8}$$ $$\frac{5}{6} + 1\frac{3}{4}$$

occasion. If __silence__ is ever __golden__, it must be here beside the
$$3\frac{1}{4} - 2\frac{3}{8}$$ $$1\frac{2}{5} + 1\frac{3}{10}$$

__graves__ of fifteen thousand men, whose lives were more __significant__ than
$$2\frac{3}{8} - \frac{2}{3}$$ $$5\frac{1}{2} + 5\frac{1}{4}$$

speech, and whose death was a __poem__, the music of which can never be sung.
$$\frac{7}{9} - \frac{7}{12}$$

Bank

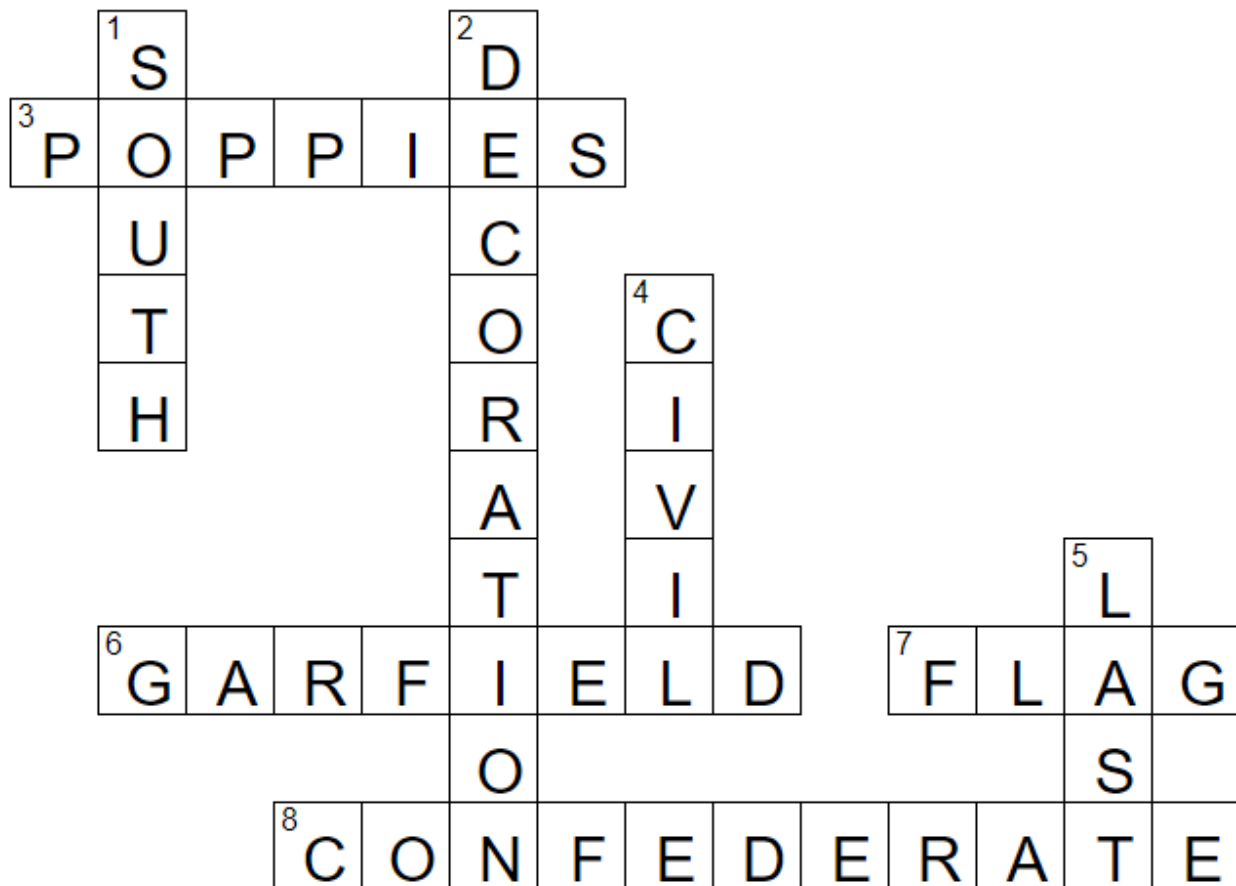|				
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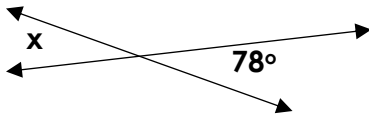3. Write the word you found in the correct spot in the crossword.

```
        1                  2
        S                  D
   3
   P  O  P  P  I  E  S
        O                  C
        U                  O        4
        T                  R        C
        H                  A        I
                           T        V
                                    I                          5
   6                                                           L
   G  A  R  F  I  E  L  D              7
                           O          F  L  A  G
                                                               A
                                                               S
                      8
                      C  O  N  F  E  D  E  R  A  T  E
```
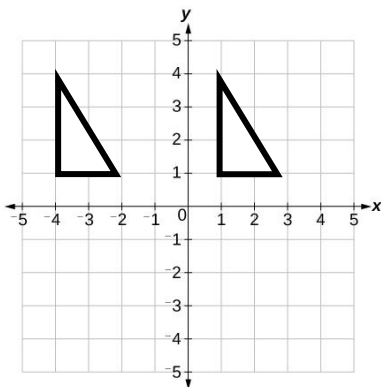
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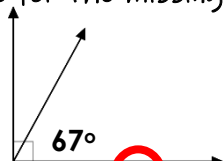**1. Solve for the missing angle measure.**

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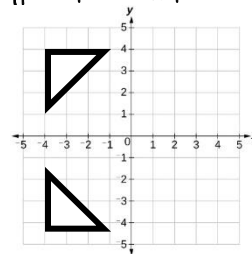
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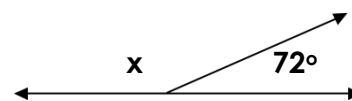
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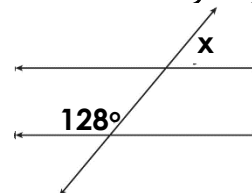
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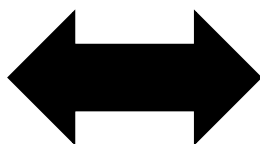**6. Solve for the missing angle measure.**

x   128°

A – 142° – (light blue) B – 12° (brown)

(C) – 52° – (purple) D – 22° (dark green)

THANK YOU FOR YOUR PURCHASE

All resources included in this purchase were designed and created by me. Hopefully this resource is as helpful to you as it has been to me. Please feel free to contact me with any questions.

Graphics from:

Phoenix Math, 2017-Present