Measure every angle with a protractor and record them.

STATION 2

3

2

7

8

6

5

1

4

Measure every angle with a protractor and record them.

STATION 1

6

2

4

3

1

7

5

8

1

4

3

6

2

7

8

5

*m*

*nm*

*p*

STATION 3

Name the Transversal.

Which lines are parallel?

Name 4 pairs of Vertical Angles.

Why are Vertical Angles useful?

STATION 4

5

7

8

6

2

4

3

1

Name 4 pairs of Corresponding Angles.

Why are Corresponding Angles useful?

STATION 5

2

4

3

1

8

5

6

7

Name 2 Pairs of Alternate Interior Angles.

Why are Alternate Interior Angles useful?

STATION 6

5

7

8

6

2

4

3

1

Name 2 Pairs of Alternate Exterior Angles.

Why are Alternate Exterior Angles useful?

STATION 7

5

7

8

6

2

4

3

1

Name all of the Exterior Angles

Name all of the Interior Angles.

STATION 8

5

7

8

6

2

4

3

1

Name 10 pairs of Supplementary Angles

STATION 9

5

7

8

6

2

4

3

1

STATION 10

5

7

8

6

2

4

3

1

Name 2 Pairs of Same-Side Interior Angles.

What is special about Same-Side Interior Angles?

STATION 11

2

4

3

1

What is special about Angle 5 and 7?

Can you solve for x?

Find the measure of angle 5.

How can you use the measure of 5 to find angle 6?

(2x + 30)ᵒ

6

8

7

5

(3x – 5)ᵒ

STATION 12

5

7

8

6

2

4

3

1

What is special about Angle 1 and 4?

Use this to solve for the measure of Angle 1 and Angle 4.

What are the measures of Angles 7 and 8? What definition allows you to know this?

(9x + 15)ᵒ

(8x – 5)ᵒ

STATION 13

3

2

(8x + 70)ᵒ

(9x + 25)ᵒ

What is special about Angle 1 and 5?

Use this to solve for the measure of Angle 1 and Angle 5.

What are the measures of Angles 2 and 8? What definition allows you to know this?

7

8

6

5

1

4

STATION 14

3

2

(4x)ᵒ

(3x + 30)ᵒ

What is special about Angle 1 and 6?

Use this to solve for the measure of Angle 1 and Angle 6.

What are the measures of Angles 3 and 8? What definition allows you to know this?

7

8

6

5

1

4

STATION 15

3

2

(8x + 70)ᵒ

(9x + 25)ᵒ

What is special about Angle 2 and 7?

Use this to solve for the measure of Angle 2 and Angle 7.

What are the measures of Angles 3 and 8? What definition allows you to know this?

7

8

6

5

1

4

|  |  |
| --- | --- |
| Station 1 | Station 2 |
| Station 3 | Station 4 |
| Station 5 | Station 6 |
| Station 7 | Station 8 |
| Station 9 | Station 10 |
| Station 11 | Tation 12 |
| Station 13 | Station 14 |
| Station 15 |  |