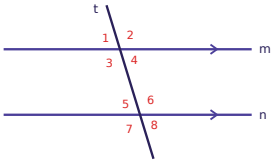
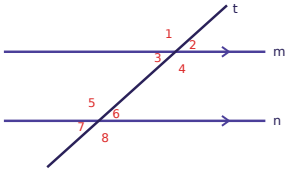
All Angle Relationships: Mixed Review · 1

What kind of angle pair are ∠5 and ∠4: corresponding, alternate interior, alternate exterior, same-side interior, vertical, or linear pair?



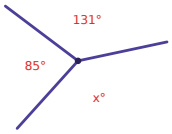
All Angle Relationships: Mixed Review · 2

∠8 = 138°. Find the measure of ∠6.



All Angle Relationships: Mixed Review · 3

The angles meet at a point. Find the value of x.

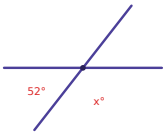


All Angle Relationships: Mixed Review · 4

Two angles measure 24° and 70°. Are they complementary, supplementary, or neither?

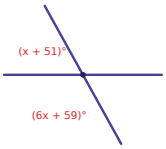
All Angle Relationships: Mixed Review · 5

Two lines cross. Find the value of x.



All Angle Relationships: Mixed Review · 6

Two lines cross. Find x.

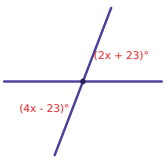


All Angle Relationships: Mixed Review · 7

What is the name for two angles opposite each other where two lines cross? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

All Angle Relationships: Mixed Review · 8

Two lines cross. Find x.



All Angle Relationships: Mixed Review · 2

ANSWER

42

All Angle Relationships: Mixed Review · 1

ANSWER

alternate interior

All Angle Relationships: Mixed Review · 4

ANSWER

neither

All Angle Relationships: Mixed Review · 3

ANSWER

144

All Angle Relationships: Mixed Review · 6

ANSWER

x = 10

All Angle Relationships: Mixed Review · 5

ANSWER

128

All Angle Relationships: Mixed Review · 8

ANSWER

x = 23

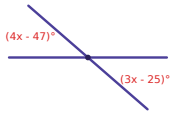
All Angle Relationships: Mixed Review · 7

ANSWER

vertical

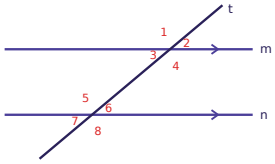
All Angle Relationships: Mixed Review · 9

Two lines cross. Find x.



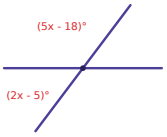
All Angle Relationships: Mixed Review · 10

What kind of angle pair are ∠3 and ∠2: corresponding, alternate interior, alternate exterior, same-side interior, vertical, or linear pair?



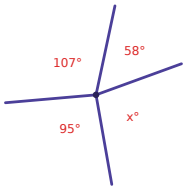
All Angle Relationships: Mixed Review · 11

Two lines cross. Find x.



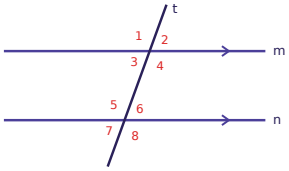
All Angle Relationships: Mixed Review · 12

The angles meet at a point. Find the value of x.



All Angle Relationships: Mixed Review · 13

∠2 = (4x - 42)° and ∠7 = (x + 42)°. Find x.



All Angle Relationships: Mixed Review · 14

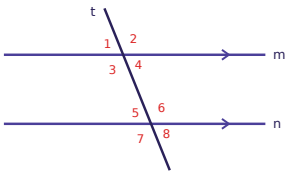
What is the name for two angles whose measures add up to 90°? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

All Angle Relationships: Mixed Review · 15

∠A = (2x + 13)° and ∠B = (x + 20)° are complementary. Find x.

All Angle Relationships: Mixed Review · 16

∠6 = 112°. Find the measure of ∠2.



All Angle Relationships: Mixed Review · 10

ANSWER

vertical

All Angle Relationships: Mixed Review · 9

ANSWER

x = 22

All Angle Relationships: Mixed Review · 12

ANSWER

100

All Angle Relationships: Mixed Review · 11

ANSWER

x = 29

All Angle Relationships: Mixed Review · 14

ANSWER

complementary

All Angle Relationships: Mixed Review · 13

ANSWER

x = 28

All Angle Relationships: Mixed Review · 16

ANSWER

112

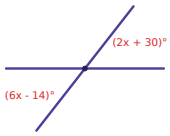
All Angle Relationships: Mixed Review · 15

ANSWER

x = 19

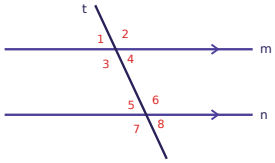
All Angle Relationships: Mixed Review · 17

Two lines cross. Find x.



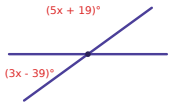
All Angle Relationships: Mixed Review · 18

What kind of angle pair are ∠6 and ∠5: corresponding, alternate interior, alternate exterior, same-side interior, vertical, or linear pair?



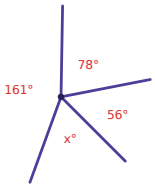
All Angle Relationships: Mixed Review · 19

Two lines cross. Find x.



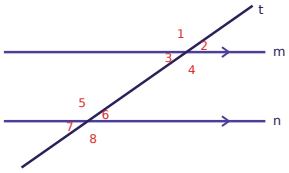
All Angle Relationships: Mixed Review · 20

The angles meet at a point. Find the value of x.



All Angle Relationships: Mixed Review · 21

∠3 = (5x - 45)° and ∠7 = (3x - 13)°. Find x.



All Angle Relationships: Mixed Review · 22

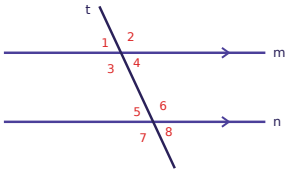
What is the name for two angles whose measures add up to 180°? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

All Angle Relationships: Mixed Review · 23

∠A = (x + 29)° and ∠B = (3x - 11)° are complementary. Find x.

All Angle Relationships: Mixed Review · 24

∠7 = 115°. Find the measure of ∠4.



All Angle Relationships: Mixed Review · 18

ANSWER

linear pair

All Angle Relationships: Mixed Review · 17

ANSWER

x = 11

All Angle Relationships: Mixed Review · 20

ANSWER

65

All Angle Relationships: Mixed Review · 19

ANSWER

x = 25

All Angle Relationships: Mixed Review · 22

ANSWER

supplementary

All Angle Relationships: Mixed Review · 21

ANSWER

x = 16

All Angle Relationships: Mixed Review · 24

ANSWER

65

All Angle Relationships: Mixed Review · 23

ANSWER

x = 18