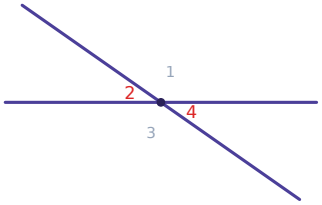
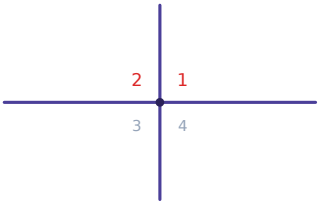
Angle Pairs: Complementary, Supplementary & Vertical · 1

∠4 and ∠2 are vertical angles. m∠4 = 35°. Find m∠2.



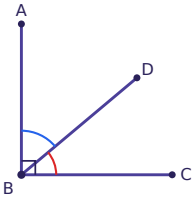
Angle Pairs: Complementary, Supplementary & Vertical · 2

∠1 and ∠2 form a linear pair. m∠1 = 90°. Find m∠2.



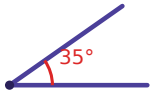
Angle Pairs: Complementary, Supplementary & Vertical · 3

∠ABC is a right angle. m∠ABD = 50°. Find m∠DBC.



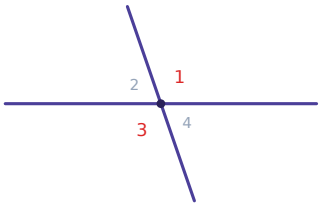
Angle Pairs: Complementary, Supplementary & Vertical · 4

An angle measures 35°. Find the measure of its supplement.



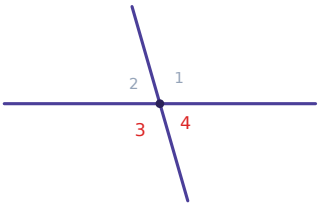
Angle Pairs: Complementary, Supplementary & Vertical · 5

∠1 and ∠3 are vertical angles. m∠1 = 109°. Find m∠3.



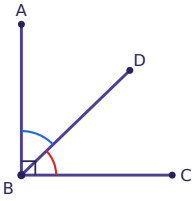
Angle Pairs: Complementary, Supplementary & Vertical · 6

∠3 and ∠4 form a linear pair. m∠3 = 106°. Find m∠4.



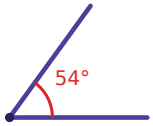
Angle Pairs: Complementary, Supplementary & Vertical · 7

∠ABC is a right angle. m∠ABD = 46°. Find m∠DBC.



Angle Pairs: Complementary, Supplementary & Vertical · 8

An angle measures 54°. Find the measure of its complement.



Angle Pairs: Complementary, Supplementary & Vertical · 2

ANSWER

90°

Angle Pairs: Complementary, Supplementary & Vertical · 1

ANSWER

35°

Angle Pairs: Complementary, Supplementary & Vertical · 4

ANSWER

145°

Angle Pairs: Complementary, Supplementary & Vertical · 3

ANSWER

40°

Angle Pairs: Complementary, Supplementary & Vertical · 6

ANSWER

74°

Angle Pairs: Complementary, Supplementary & Vertical · 5

ANSWER

109°

Angle Pairs: Complementary, Supplementary & Vertical · 8

ANSWER

36°

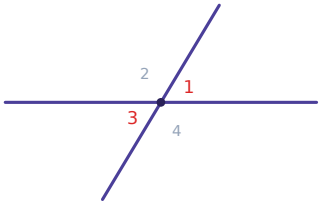
Angle Pairs: Complementary, Supplementary & Vertical · 7

ANSWER

44°

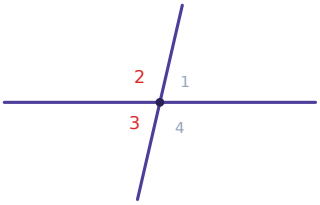
Angle Pairs: Complementary, Supplementary & Vertical · 9

∠3 and ∠1 are vertical angles. m∠3 = 59°. Find m∠1.



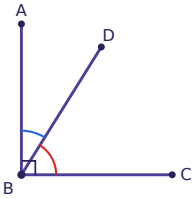
Angle Pairs: Complementary, Supplementary & Vertical · 10

∠2 and ∠3 form a linear pair. m∠2 = 103°. Find m∠3.



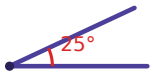
Angle Pairs: Complementary, Supplementary & Vertical · 11

∠ABC is a right angle. m∠ABD = 32°. Find m∠DBC.



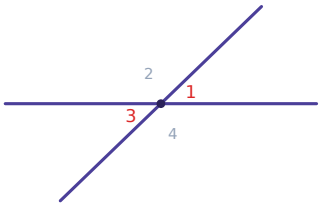
Angle Pairs: Complementary, Supplementary & Vertical · 12

An angle measures 25°. Find the measure of its complement.



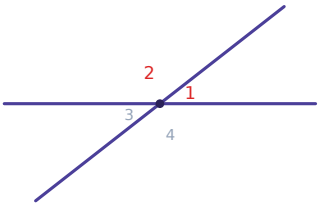
Angle Pairs: Complementary, Supplementary & Vertical · 13

∠3 and ∠1 are vertical angles. m∠3 = 44°. Find m∠1.



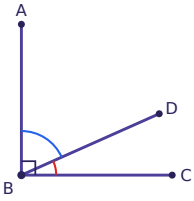
Angle Pairs: Complementary, Supplementary & Vertical · 14

∠1 and ∠2 form a linear pair. m∠1 = 38°. Find m∠2.



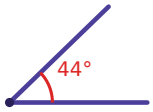
Angle Pairs: Complementary, Supplementary & Vertical · 15

∠ABC is a right angle. m∠ABD = 66°. Find m∠DBC.



Angle Pairs: Complementary, Supplementary & Vertical · 16

An angle measures 44°. Find the measure of its supplement.



Angle Pairs: Complementary, Supplementary & Vertical · 10

ANSWER

77°

Angle Pairs: Complementary, Supplementary & Vertical · 9

ANSWER

59°

Angle Pairs: Complementary, Supplementary & Vertical · 12

ANSWER

65°

Angle Pairs: Complementary, Supplementary & Vertical · 11

ANSWER

58°

Angle Pairs: Complementary, Supplementary & Vertical · 14

ANSWER

142°

Angle Pairs: Complementary, Supplementary & Vertical · 13

ANSWER

44°

Angle Pairs: Complementary, Supplementary & Vertical · 16

ANSWER

136°

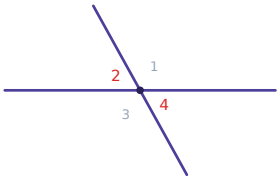
Angle Pairs: Complementary, Supplementary & Vertical · 15

ANSWER

24°

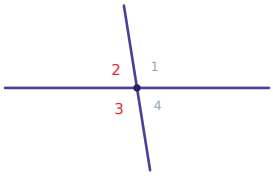
Angle Pairs: Complementary, Supplementary & Vertical · 17

$m\angle 2 = (6x + 7)°$ and $m\angle 4 = (3x + 34)°$. Find x.



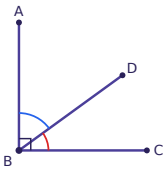
Angle Pairs: Complementary, Supplementary & Vertical · 18

$\angle 2$ and $\angle 3$ form a linear pair. $m\angle 2 = (5x + 41)°$ and $m\angle 3 = (7x + 43)°$. Find x.



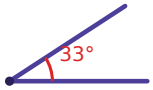
Angle Pairs: Complementary, Supplementary & Vertical · 19

$\angle ABD$ and $\angle DBC$ are complementary. $m\angle ABD = (3x + 30)°$ and $m\angle DBC = (x + 28)°$. Find x.



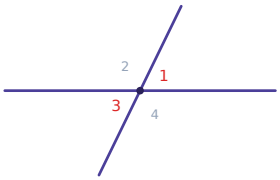
Angle Pairs: Complementary, Supplementary & Vertical · 20

An angle measures 33°. Find the measure of its complement.



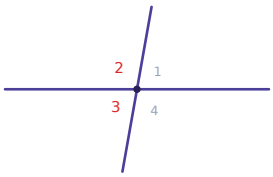
Angle Pairs: Complementary, Supplementary & Vertical · 21

$m\angle 1 = (7x + 8)°$ and $m\angle 3 = (5x + 24)°$. Find x.



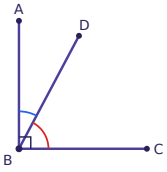
Angle Pairs: Complementary, Supplementary & Vertical · 22

$\angle 2$ and $\angle 3$ form a linear pair. $m\angle 2 = (14x + 16)°$ and $m\angle 3 = (7x + 38)°$. Find x.



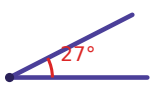
Angle Pairs: Complementary, Supplementary & Vertical · 23

$\angle ABD$ and $\angle DBC$ are complementary. $m\angle ABD = (6x + 4)°$ and $m\angle DBC = (5x + 42)°$. Find x.



Angle Pairs: Complementary, Supplementary & Vertical · 24

An angle measures 27°. Find the measure of its supplement.



Angle Pairs: Complementary, Supplementary & Vertical · 18

ANSWER

8

Angle Pairs: Complementary, Supplementary & Vertical · 17

ANSWER

9

Angle Pairs: Complementary, Supplementary & Vertical · 20

ANSWER

57°

Angle Pairs: Complementary, Supplementary & Vertical · 19

ANSWER

8

Angle Pairs: Complementary, Supplementary & Vertical · 22

ANSWER

6

Angle Pairs: Complementary, Supplementary & Vertical · 21

ANSWER

8

Angle Pairs: Complementary, Supplementary & Vertical · 24

ANSWER

153°

Angle Pairs: Complementary, Supplementary & Vertical · 23

ANSWER

4