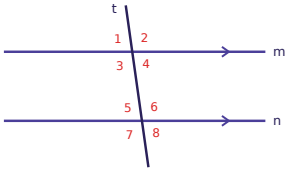
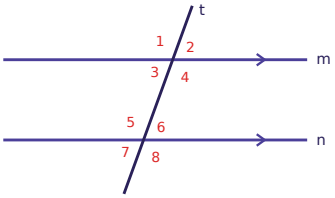
Parallel Lines & Transversals · 1

∠8 = 82°. Find the measure of ∠4.



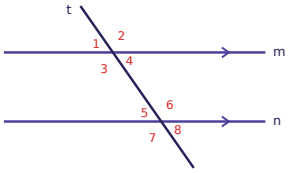
Parallel Lines & Transversals · 2

What kind of angle pair are ∠4 and ∠1: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



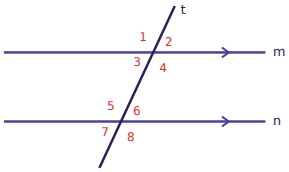
Parallel Lines & Transversals · 3

∠8 = 55°. Find the measure of ∠7.



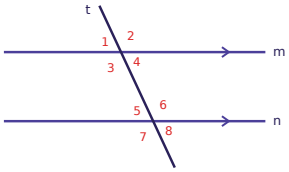
Parallel Lines & Transversals · 4

∠7 = 65°. Find the measure of ∠6.



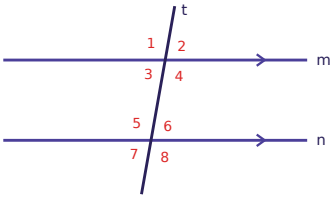
Parallel Lines & Transversals · 5

∠7 = 115°. Find the measure of ∠4.



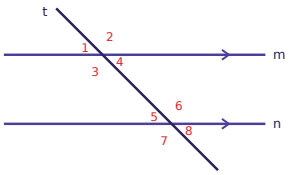
Parallel Lines & Transversals · 6

What kind of angle pair are ∠7 and ∠3: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



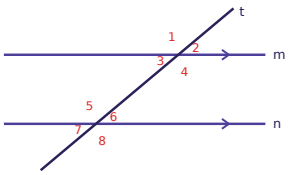
Parallel Lines & Transversals · 7

∠6 = 135°. Find the measure of ∠2.



Parallel Lines & Transversals · 8

∠8 = 140°. Find the measure of ∠6.



Parallel Lines & Transversals · 2

ANSWER

vertical

Parallel Lines & Transversals · 1

ANSWER

82

Parallel Lines & Transversals · 4

ANSWER

65

Parallel Lines & Transversals · 3

ANSWER

125

Parallel Lines & Transversals · 6

ANSWER

corresponding

Parallel Lines & Transversals · 5

ANSWER

65

Parallel Lines & Transversals · 8

ANSWER

40

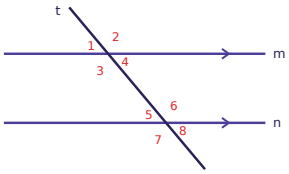
Parallel Lines & Transversals · 7

ANSWER

135

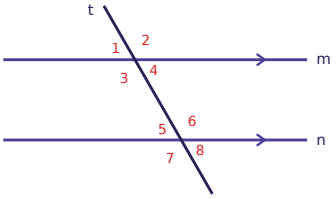
Parallel Lines & Transversals · 9

∠3 = 130°. Find the measure of ∠7.



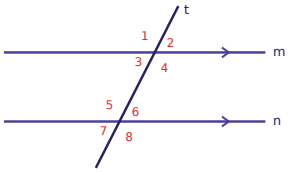
Parallel Lines & Transversals · 10

What kind of angle pair are ∠2 and ∠6: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



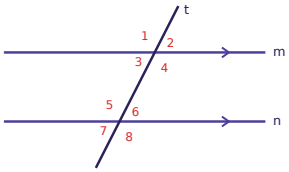
Parallel Lines & Transversals · 11

∠6 = 63°. Find the measure of ∠4.



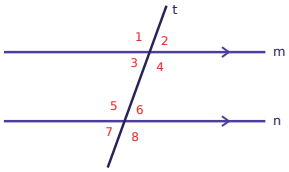
Parallel Lines & Transversals · 12

∠5 = 117°. Find the measure of ∠7.



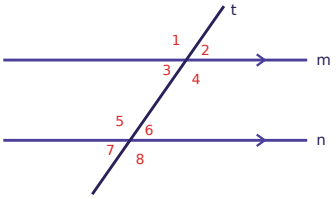
Parallel Lines & Transversals · 13

∠5 = 110°. Find the measure of ∠4.



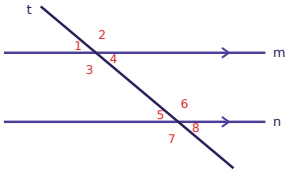
Parallel Lines & Transversals · 14

What kind of angle pair are ∠4 and ∠6: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



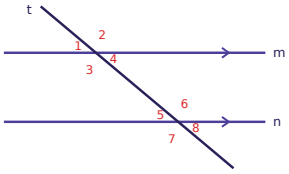
Parallel Lines & Transversals · 15

∠3 = 140°. Find the measure of ∠4.



Parallel Lines & Transversals · 16

∠1 = 40°. Find the measure of ∠8.



Parallel Lines & Transversals · 10

ANSWER

corresponding

Parallel Lines & Transversals · 9

ANSWER

130

Parallel Lines & Transversals · 12

ANSWER

63

Parallel Lines & Transversals · 11

ANSWER

117

Parallel Lines & Transversals · 14

ANSWER

same-side interior

Parallel Lines & Transversals · 13

ANSWER

110

Parallel Lines & Transversals · 16

ANSWER

40

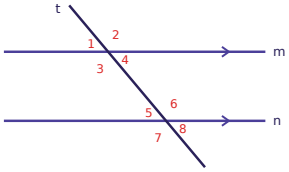
Parallel Lines & Transversals · 15

ANSWER

40

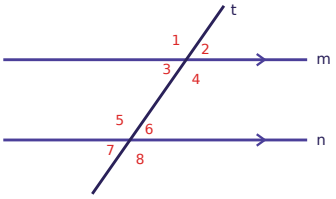
Parallel Lines & Transversals · 17

∠8 = 50°. Find the measure of ∠2.



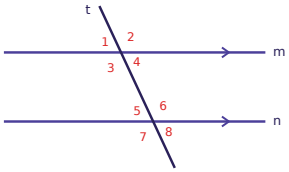
Parallel Lines & Transversals · 18

What kind of angle pair are ∠8 and ∠4: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



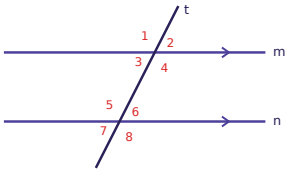
Parallel Lines & Transversals · 19

∠5 = 65°. Find the measure of ∠4.



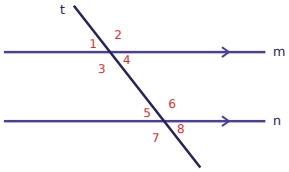
Parallel Lines & Transversals · 20

∠6 = (4x + 23)° and ∠7 = (2x + 43)°. Find x.



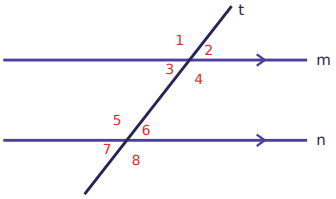
Parallel Lines & Transversals · 21

∠2 = 128°. Find the measure of ∠7.



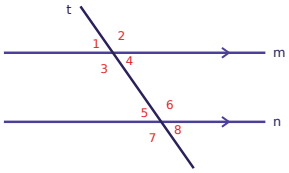
Parallel Lines & Transversals · 22

What kind of angle pair are ∠3 and ∠5: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



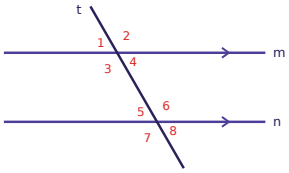
Parallel Lines & Transversals · 23

∠1 = 55°. Find the measure of ∠7.



Parallel Lines & Transversals · 24

∠3 = (2x + 92)° and ∠6 = (5x + 50)°. Find x.



Parallel Lines & Transversals · 18

ANSWER

corresponding

Parallel Lines & Transversals · 17

ANSWER

130

Parallel Lines & Transversals · 20

ANSWER

x = 10

Parallel Lines & Transversals · 19

ANSWER

65

Parallel Lines & Transversals · 22

ANSWER

same-side interior

Parallel Lines & Transversals · 21

ANSWER

128

Parallel Lines & Transversals · 24

ANSWER

x = 14

Parallel Lines & Transversals · 23

ANSWER

125