Direct & Inverse Variation · 1

If y varies directly with x, and y = 6 when x = 3, find y when x = 7.

Direct & Inverse Variation · 2

If y varies inversely with x, and y = 72 when x = 3, find y when x = 9.

Direct & Inverse Variation · 3

If y varies directly with x, and y = 63 when x = 9, find y when x = 4.

Direct & Inverse Variation · 4

If y varies inversely with x, and y = 81 when x = 7, find y when x = 9.

Direct & Inverse Variation · 5

If y varies directly with x, and y = 24 when x = 8, find y when x = 5.

Direct & Inverse Variation · 6

If y varies inversely with x, and y = 21 when x = 6, find y when x = 7.

Direct & Inverse Variation · 7

If y varies directly with x, and y = 5 when x = 1, find y when x = 8.

Direct & Inverse Variation · 8

If y varies inversely with x, and y = 24 when x = 2, find y when x = 3.

Direct & Inverse Variation · 2

ANSWER

24

Direct & Inverse Variation · 1

ANSWER

14

Direct & Inverse Variation · 4

ANSWER

63

Direct & Inverse Variation · 3

ANSWER

28

Direct & Inverse Variation · 6

ANSWER

18

Direct & Inverse Variation · 5

ANSWER

15

Direct & Inverse Variation · 8

ANSWER

16

Direct & Inverse Variation · 7

ANSWER

40

Direct & Inverse Variation · 9

If y varies directly with x, and y = 54 when x = 6, find y when x = 4.

Direct & Inverse Variation · 10

If y varies inversely with x, and y = 9 when x = 8, find y when x = 3.

Direct & Inverse Variation · 11

If y varies directly with x, and y = 64 when x = 8, find y when x = 5.

Direct & Inverse Variation · 12

If y varies inversely with x, and y = 56 when x = 6, find y when x = 8.

Direct & Inverse Variation · 13

If y varies directly with x, and y = 56 when x = 7, find y when x = 6.

Direct & Inverse Variation · 14

If y varies inversely with x, and y = 32 when x = 2, find y when x = 4.

Direct & Inverse Variation · 15

If y varies directly with x, and y = 27 when x = 9, find y when x = 5.

Direct & Inverse Variation · 16

If y varies inversely with x, and y = 49 when x = 2, find y when x = 7.

Direct & Inverse Variation · 10

ANSWER

24

Direct & Inverse Variation · 9

ANSWER

36

Direct & Inverse Variation · 12

ANSWER

42

Direct & Inverse Variation · 11

ANSWER

40

Direct & Inverse Variation · 14

ANSWER

16

Direct & Inverse Variation · 13

ANSWER

48

Direct & Inverse Variation · 16

ANSWER

14

Direct & Inverse Variation · 15

ANSWER

15

Direct & Inverse Variation · 17

If y varies directly with x, and y = 18 when x = 3, find y when x = 6.

Direct & Inverse Variation · 18

If y varies inversely with x, and y = 32 when x = 9, find y when x = 4.

Direct & Inverse Variation · 19

If y varies directly with x, and y = 6 when x = 2, find y when x = 9.

Direct & Inverse Variation · 20

If y varies inversely with x, and y = 8 when x = 8, find y when x = 2.

Direct & Inverse Variation · 21

If y varies directly with x, and y = 6 when x = 2, find y when x = 7.

Direct & Inverse Variation · 22

If y varies inversely with x, and y = 40 when x = 5, find y when x = 8.

Direct & Inverse Variation · 23

If y varies inversely with x, and y = 63 when x = 8, find y when x = 9.

Direct & Inverse Variation · 24

If y varies directly with x, and y = 30 when x = 5, find y when x = 3.

Direct & Inverse Variation · 18

ANSWER

72

Direct & Inverse Variation · 17

ANSWER

36

Direct & Inverse Variation · 20

ANSWER

32

Direct & Inverse Variation · 19

ANSWER

27

Direct & Inverse Variation · 22

ANSWER

25

Direct & Inverse Variation · 21

ANSWER

21

Direct & Inverse Variation · 24

ANSWER

18

Direct & Inverse Variation · 23

ANSWER

56