

ALL ABOUT ALGEBRA

Session 2
Find n
add & subtract

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Session 2: Find n (add & subtract)



Practice section: **Find n**

1) $n + 29 = 65$ **n =**

2) $18 + n = 56$ **n =**

3) $48 - n = 27$ **n =**

4) $n - 23 = 55$ **n =**

5) $n^2 + 10 = 35$ **n =**

6) $50 - n^2 = 14$ **n =**

Have a go! **Find n**

1) $n + 43 = 99$ **n =**

2) $n + 26 = 52$ **n =**

3) $n + 16 = 87$ **n =**

4) $21 + n = 32$ **n =**

5) $19 + n = 66$ **n =**

6) $49 + n = 75$ **n =**

7) $100 - n = 64$ **n =**

7) $83 - n = 28$ **n =**

9) $112 - n = 99$ **n =**

10) $n - 16 = 85$ **n =**

11) $n - 101 = 102$ **n =**

12) $n - 49 = 49$ **n =**

Challenge **Find n**

1) $n^2 + 20 = 24$ **n =**

2) $n^2 - 18 = 63$ **n =**

3) $100 - n^2 = 91$ **n =**

4) $n^3 + 26 = 34$ **n =**

5) $n^3 - 100 = 900$ **n =**

6) $100 - n^3 = 73$ **n =**



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Session 2: ANSWERS



Practice section: Find n

$$1) n + 29 = 65 \quad n = 36$$

$$2) 18 + n = 56 \quad n = 38$$

$$3) 48 - n = 27 \quad n = 21$$

$$4) n - 23 = 55 \quad n = 78$$

$$5) n^2 + 10 = 35 \quad n = 5$$

$$6) 50 - n^2 = 14 \quad n = 6$$

Have a go! Find n

$$1) n + 43 = 99 \quad n = 56 \quad 2) n + 26 = 52 \quad n = 26 \quad 3) n + 16 = 87 \quad n = 71$$

$$4) 21 + n = 32 \quad n = 11 \quad 5) 19 + n = 66 \quad n = 47 \quad 6) 49 + n = 75 \quad n = 26$$

$$7) 100 - n = 64 \quad n = 36 \quad 7) 83 - n = 28 \quad n = 55 \quad 9) 112 - n = 99 \quad n = 13$$

$$10) n - 16 = 85 \quad n = 101 \quad 11) n - 101 = 102 \quad n = 203 \quad 12) n - 49 = 49 \quad n = 98$$

Challenge Find n

$$1) n^2 + 20 = 24 \quad n = 2$$

$$2) n^2 - 18 = \quad n = 9$$

$$3) 100 - n^2 = 91 \quad n = 3$$

$$4) n^2 + 26 = 34 \quad n = 2$$

$$5) n^3 - 100 = 900 \quad n = 10$$

$$6) 100 - n^3 = 73 \quad n = 3$$



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