

ALL ABOUT ALGEBRA

Session 3
Find n
multiply &
divide

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Session 3: Find n (multiply & divide)



Practice section: **Find n**

1) $5n = 30$ **n =**

2) $11n = 66$ **n =**

3) $48 \div n = 12$ **n =**

4) $n \div 5 = 20$ **n =**

5) $3n^2 = 12$ **n =**

6) $72 \div n^2 = 8$ **n =**

Have a go! **Find n**

1) $9n = 99$ **n =**

2) $7n = 84$ **n =**

3) $6n = 42$ **n =**

4) $21n = 63$ **n =**

5) $18n = 36$ **n =**

6) $25n = 100$ **n =**

7) $100 \div n = 10$ **n =**

7) $81 \div n = 9$ **n =**

9) $132 \div n = 11$ **n =**

10) $n \div 6 = 8$ **n =**

11) $n \div 8 = 12$ **n =**

12) $n \div 11 = 11$ **n =**

Challenge **Find n**

1) $5n^2 = 45$ **n =**

2) $3n^2 = 75$ **n =**

3) $3n^3 = 24$ **n =**

4) $n^3 \div 5 = 200$ **n =**

5) $100 \div n^2 = 4$ **n =**

6) $n^3 \div 4 = 16$ **n =**



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Session 3: ANSWERS



Practice section: Find n

1) $5n = 30$ n = 6

2) $11n = 66$ n = 6

3) $48 \div n = 12$ n = 4

4) $n \div 5 = 20$ n = 100

5) $3n^2 = 12$ n = 2

6) $72 \div n^2 = 8$ n = 3

Have a go! Find n

1) $9n = 99$ n = 11

2) $7n = 84$ n = 12

3) $6n = 42$ n = 7

4) $21n = 63$ n = 3

5) $18n = 36$ n = 2

6) $25n = 100$ n = 4

7) $100 \div n = 10$ n = 10

8) $81 \div n = 9$ n = 9

9) $132 \div n = 11$ n = 12

10) $n \div 6 = 8$ n = 48

11) $n \div 8 = 12$ n = 96

12) $n \div 11 = 11$ n = 121

Challenge Find n

1) $5n^2 = 45$ n = 3

2) $3n^2 = 75$ n = 5

3) $3n^3 = 24$ n = 2

4) $n^3 \div 5 = 200$ n = 10

5) $100 \div n^2 = 4$ n = 5

6) $n^3 \div 4 = 16$ n = 4



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