

Pre-Algebra Worksheet with Answers

$$r \times 13 = 13$$

$$r = 1$$

$$66 \div w = 11$$

$$w = 6$$

$$11 \times y = 77$$

$$y = 7$$

$$j \div 20 = 3$$

$$j = 60$$

$$w + 18 = 22$$

$$w = 4$$

$$y \div 9 = 8$$

$$y = 72$$

$$w \div 4 = 13$$

$$w = 52$$

$$12 \times c = 156$$

$$c = 13$$

$$17 \times v = 153$$

$$v = 9$$

$$v - 8 = 9$$

$$v = 17$$

$$x - 16 = 20$$

$$x = 36$$

$$n + 16 = 31$$

$$n = 15$$

$$f \div 12 = 7$$

$$f = 84$$

$$17 + d = 29$$

$$d = 12$$

$$20 - d = 13$$

$$d = 7$$

$$225 \div r = 15$$

$$r = 15$$

$$y \div 8 = 17$$

$$y = 136$$

$$4 + s = 20$$

$$s = 16$$

$$29 - y = 19$$

$$y = 10$$

$$12 - q = 8$$

$$q = 4$$

$$24 - q = 13$$

$$q = 11$$

$$300 \div d = 20$$

$$d = 15$$

$$d \times 15 = 75$$

$$d = 5$$

$$x - 19 = 1$$

$$x = 20$$

$$d \times 7 = 35$$

$$d = 5$$

$$15 \times u = 135$$

$$u = 9$$

$$27 \div t = 9$$

$$t = 3$$

$$7 + x = 21$$

$$x = 14$$

$$t \div 11 = 18$$

$$t = 198$$

$$x \div 5 = 12$$

$$x = 60$$

$$y \div 18 = 11$$

$$y = 198$$

$$a \times 11 = 132$$

$$a = 12$$

$$v + 19 = 36$$

$$v = 17$$

$$q \times 3 = 27$$

$$q = 9$$

$$w \times 20 = 20$$

$$w = 1$$

$$f \times 12 = 204$$

$$f = 17$$

$$q + 8 = 16$$

$$q = 8$$

$$28 \div r = 4$$

$$r = 7$$

$$w + 14 = 22$$

$$w = 8$$

$$11 + d = 18$$

$$d = 7$$



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rotational kinematics in the section on uniform circular motion we discussed motion in a circle at constant speed and therefore constant angular velocity however there are times when angular velocity is not constant rotational motion can

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evaluate problem solving strategies for rotational kinematics just by using our intuition we can begin to see how rotational quantities like θ ω and α are related to one another for example if a motorcycle wheel has a large angular acceleration for a fairly long time it ends up spinning rapidly and rotates through many revolutions

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