Division with negatives

1) (a) $(-10) \div (-2)$ (b) $(-15) \div 5$ (c) $18 \div (-3)$

(d) $14 \div (-7)$ (e) $(-21) \div (-3)$ (f) $(-45) \div 9$

(g) $50 \div (-5)$ (h) $50 \div (-5)$ (i) $\frac{(-100)}{(-4)}$

(j) $\frac{80}{-2}$ (k) $\frac{(-26)}{13}$ (l) $\frac{(-70)}{(-7)}$

2) Find the missing numbers indicated by blanks

(a) $\ldots\ldots \times 5 = -20$ (b) $(-80) \div \ldots\ldots = 4$

(c) $16 \times \ldots\ldots = -32$ (d) $(-4) \times \ldots\ldots = 32$

(e) $\ldots\ldots \times (-3) = 12$ (f) $40 \div \ldots\ldots = -8$

(g) $-8 \times \ldots\ldots = 48$ (h) $-32 \div \ldots\ldots = 4$

(i) $15 \times \ldots\ldots = -60$ (j) $100 \div \ldots\ldots = -25$

3) a. $\frac{(-3)\cdot(-4)}{-2}$ c. $\frac{(-7)\cdot(-5)\cdot(-2)}{5}$ e. $\frac{(-6)(-4)}{2}$

b. $\frac{5\cdot(-6)}{-2}$ d. $\frac{8\cdot(-9)\cdot 6}{(-2)\cdot(-3)}$ f. $\frac{3(-4)(-7)}{-12}$

4) (a) $(-6+10) \div (-2)$ (b) $(12-24) \div (-2)$

(c) $(6+(-8)) \times (4-7)$ (d) $((-2)+8) \times ((-4)+2)$

(e) $((-4) \times 2) + (6 \times (-9))$ (f) $(8 \times (-2)) - ((-4) \times 8)$

5) Three different integers have a sum of 1 and a product of 36. What are they?

Answers 1a) 5 b) -3 c) -6 d) -2 e) 7 f) -5 g) -10 h) -10 i) 25 j) -40 k) -2 l) 10

2a) -4 b) -20 c) -2 d) -8 e) -4 f) -5 g) -6 h) -8 i) -4 j) -4 3a) -6 b) 15 c) -14

d) -72 e) 12 f) -7 4a) -2 b) 6 c) 6 d) -12 e) -62 f) 16 5) check with me

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