



MULTIPLY AND DIVIDE NEGATIVE NUMBERS SHEET 2

A) Work out these multiplication and division questions.

- | | |
|-------------------------|----------------------------|
| 1) $(-8) \times 4 =$ | 11) $(-6) \times (-8) =$ |
| 2) $(-50) \div 10 =$ | 12) $(-32) \div (-4) =$ |
| 3) $5 \times (-9) =$ | 13) $(-12) \times 3 =$ |
| 4) $21 \div (-7) =$ | 14) $0 \div (-9) =$ |
| 5) $(-7) \times (-5) =$ | 15) $(-7) \times (-8) =$ |
| 6) $(-18) \div (-6) =$ | 16) $(-6) \times 12 =$ |
| 7) $(-8) \times 10 =$ | 17) $48 \div (-6) =$ |
| 8) $36 \div (-3) =$ | 18) $(-80) \div 4 =$ |
| 9) $0 \times (-5) =$ | 19) $(-15) \times (-10) =$ |
| 10) $(-42) \div 6 =$ | 20) $108 \div (-9) =$ |

B) Fill in the missing numbers.

- | | |
|--|--|
| 1) $(-3) \times \underline{\quad} = -36$ | 5) $\underline{\quad} \times 5 = -55$ |
| 2) $44 \div \underline{\quad} = -11$ | 6) $\underline{\quad} \div (-7) = 4$ |
| 3) $(-3) \times \underline{\quad} = 27$ | 7) $\underline{\quad} \times (-9) = -63$ |
| 4) $(-48) \div \underline{\quad} = -4$ | 8) $\underline{\quad} \div 11 = -8$ |

C) For the next two questions, use numbers from the list below.

-24	-12	3	-4	6	-2	48	-8
-----	-----	---	----	---	----	----	----

1) Use pairs of numbers from the list to complete the equations below:

$$\underline{\quad} \times \underline{\quad} = 8 \quad \underline{\quad} \times \underline{\quad} = 16 \quad \underline{\quad} \times \underline{\quad} = 32$$

$$\underline{\quad} \div \underline{\quad} = -6 \quad \underline{\quad} \div \underline{\quad} = -8 \quad \underline{\quad} \div \underline{\quad} = 12$$

2) Find three *different* sets of numbers from the list to complete this equation:

$$\underline{\quad} \times \underline{\quad} \div \underline{\quad} = -3 \quad \underline{\quad} \times \underline{\quad} \div \underline{\quad} = -3 \quad \underline{\quad} \times \underline{\quad} \div \underline{\quad} = -3$$



MULTIPLY AND DIVIDE NEGATIVE NUMBERS

SHEET 2 ANSWERS

A) Work out these multiplication and division questions.

- | | |
|----------------------------|--------------------------------|
| 1) $(-8) \times 4 = -32$ | 11) $(-6) \times (-8) = 48$ |
| 2) $(-50) \div 10 = -5$ | 12) $(-32) \div (-4) = 8$ |
| 3) $5 \times (-9) = -45$ | 13) $(-12) \times 3 = -36$ |
| 4) $21 \div (-7) = -3$ | 14) $0 \div (-9) = 0$ |
| 5) $(-7) \times (-5) = 35$ | 15) $(-7) \times (-8) = 56$ |
| 6) $(-18) \div (-6) = 3$ | 16) $(-6) \times 12 = -72$ |
| 7) $(-8) \times 10 = -80$ | 17) $48 \div (-6) = -8$ |
| 8) $36 \div (-3) = -12$ | 18) $(-80) \div 4 = -20$ |
| 9) $0 \times (-5) = 0$ | 19) $(-15) \times (-10) = 150$ |
| 10) $(-42) \div 6 = -7$ | 20) $108 \div (-9) = -12$ |

B) Fill in the missing numbers.

- | | |
|---------------------------|---------------------------|
| 1) $(-3) \times 12 = -36$ | 5) $(-11) \times 5 = -55$ |
| 2) $44 \div (-4) = -11$ | 6) $(-28) \div (-7) = 4$ |
| 3) $(-3) \times 9 = 27$ | 7) $7 \times (-9) = -63$ |
| 4) $(-48) \div 12 = -4$ | 8) $(-88) \div 11 = -8$ |

C) For the next two questions, use numbers from the list below.

-24	-12	3	-4	6	-2	48	-8
-----	-----	---	----	---	----	----	----

1) Use pairs of numbers from the list to complete the equations below:

$$\begin{aligned} (-2) \times (-4) &= 8 & (-2) \times (-8) &= 16 & (-4) \times (-8) &= 32 \\ 48 \div (-8) &= -6 & (-24) \div 3 &= -8 & (-24) \div (-2) &= 12 \end{aligned}$$

2) Find three *different* sets of numbers from the list to complete this equation:

There are three sets of numbers that can complete the equation.

$$6 \times (-2) \div (-4) = 3 \qquad 6 \times (-4) \div (-8) = 3 \qquad (-12) \times 6 \div (-24) = 3$$