



# MULTIPLY AND DIVIDE NEGATIVE NUMBERS SHEET 3

A) Answer these questions.

- |                         |                           |
|-------------------------|---------------------------|
| 1) $8 \times (-3) =$    | 11) $(-11) \times (-6) =$ |
| 2) $24 \div (-3) =$     | 12) $(-20) \times (-3) =$ |
| 3) $(-3) \times (-7) =$ | 13) $96 \div (-8) =$      |
| 4) $(-40) \div 2 =$     | 14) $(-36) \div (-2) =$   |
| 5) $6 \times (-7) =$    | 15) $(-30) \times 4 =$    |
| 6) $(-45) \div (-9) =$  | 16) $(-250) \div (-5) =$  |
| 7) $(-12) \times 8 =$   | 17) $(-20) \times (-9) =$ |
| 8) $60 \div (-12) =$    | 18) $(-320) \div 40 =$    |
| 9) $(-9) \times (-8) =$ | 19) $(-120) \div (-3) =$  |
| 10) $(-36) \div 6 =$    | 20) $30 \times (-6) =$    |

B) Use two numbers from the list below to answer each of the questions.

24	-12	-3	-4	-48	-6	2	-8
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|--|--|
| 1) $\underline{\quad} \times \underline{\quad} = -8$ | 4) $\underline{\quad} \div \underline{\quad} = -6$   |
| 2) $\underline{\quad} \div \underline{\quad} = 3$    | 5) $\underline{\quad} \times \underline{\quad} = 72$ |
| 3) $\underline{\quad} \times \underline{\quad} = 36$ | 6) $\underline{\quad} \div \underline{\quad} = -24$  |

7) Find different pairs of numbers from the list to complete these equations:

$$\underline{\quad} \times \underline{\quad} = -96 \quad \underline{\quad} \div \underline{\quad} = -96 \quad \underline{\quad} \div \underline{\quad} = -4 \quad \underline{\quad} \div \underline{\quad} = -4$$

8) Find 3 different numbers from the list to complete this equation:

$$\underline{\quad} \times \underline{\quad} \div \underline{\quad} = -12$$

*There are 3 ways to do it! How many can you find?*



# MULTIPLY AND DIVIDE NEGATIVE NUMBERS

## SHEET 3 ANSWERS

A) Answer these questions.

- |                            |                               |
|----------------------------|-------------------------------|
| 1) $8 \times (-3) = -24$   | 11) $(-11) \times (-6) = 66$  |
| 2) $24 \div (-3) = -8$     | 12) $(-20) \times (-3) = 60$  |
| 3) $(-3) \times (-7) = 21$ | 13) $96 \div (-8) = -12$      |
| 4) $(-40) \div 2 = -20$    | 14) $(-36) \div (-2) = 18$    |
| 5) $6 \times (-7) = -42$   | 15) $(-30) \times 4 = -120$   |
| 6) $(-45) \div (-9) = 5$   | 16) $(-250) \div (-5) = 50$   |
| 7) $(-12) \times 8 = -96$  | 17) $(-20) \times (-9) = 180$ |
| 8) $60 \div (-12) = -5$    | 18) $(-320) \div 40 = -8$     |
| 9) $(-9) \times (-8) = 72$ | 19) $(-120) \div (-3) = 40$   |
| 10) $(-36) \div 6 = -6$    | 20) $30 \times (-6) = -180$   |

B) Use two numbers from the list below to answer each of the questions.

24	-12	-3	-4	-48	-6	2	-8
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- |                             |   |
|-----------------------------|---|
| 1) $(-4) \times 2 = -8$     | 4) $(-12) \div 2 = -6$ or $24 \div (-4) = -6$ |
| 2) $(-12) \div (-4) = 3$    | 5) $(-12) \times (-6) = 72$                   |
| 3) $(-12) \times (-3) = 36$ | 6) $(-48) \div 2 = -24$                       |

7) Find different pairs of numbers from the list to complete these equations:

$$24 \times (-4) = -96 \quad (-48) \times 2 = -96 \quad (-8) \div 2 = -4 \quad 24 \div (-6) = -4$$

8) Find 3 different numbers from the list to complete this equation:

$$(-8) \times (-6) \div (-4) = -12 \quad 24 \times 2 \div (-4) = -12 \quad (-48) \times (-3) \div (-12) = -12$$

There are 3 ways to do it! How many can you find?