



## MULTIPLYING NEGATIVE NUMBERS SHEET 3

A) Work out these multiplications.

- |                         |                            |
|-------------------------|----------------------------|
| 1) $3 \times (-12) =$   | 11) $(-9) \times (-10) =$  |
| 2) $(-20) \times 4 =$   | 12) $(-7) \times 30 =$     |
| 3) $(-8) \times (-7) =$ | 13) $20 \times (-9) =$     |
| 4) $30 \times (-5) =$   | 14) $(-40) \times (-4) =$  |
| 5) $(-11) \times 9 =$   | 15) $(-7) \times 100 =$    |
| 6) $(-6) \times (-8) =$ | 16) $(-4) \times (-80) =$  |
| 7) $40 \times (-3) =$   | 17) $50 \times (-9) =$     |
| 8) $(-6) \times 12 =$   | 18) $(-12) \times (-11) =$ |
| 9) $(-8) \times (-8) =$ | 19) $(-60) \times 7 =$     |
| 10) $(-50) \times 7 =$  | 20) $(-30) \times (-8) =$  |

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

|    |    |    |    |     |    |   |    |
|----|----|----|----|-----|----|---|----|
| 12 | -4 | -3 | -2 | -10 | -6 | 9 | -5 |
|----|----|----|----|-----|----|---|----|

- |   |   |
|---|---|
| 1) $\underline{\quad} \times \underline{\quad} = -60$ | 4) $\underline{\quad} \times \underline{\quad} = -27$ |
| 2) $\underline{\quad} \times \underline{\quad} = -18$ | 5) $\underline{\quad} \times \underline{\quad} = 12$  |
| 3) $\underline{\quad} \times \underline{\quad} = -48$ | 6) $\underline{\quad} \times \underline{\quad} = 50$  |

7) Find 4 different ways (using the numbers above) to complete these equations:

$$\underline{\quad} \times \underline{\quad} = -36 \quad \underline{\quad} \times \underline{\quad} = -36 \quad \underline{\quad} \times \underline{\quad} = -36 \quad \underline{\quad} \times \underline{\quad} = -36$$

8) Use two *different* number combinations from the list to complete this equation.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = -120 \quad \underline{\quad} \times \underline{\quad} \times \underline{\quad} = -120$$



## MULTIPLYING NEGATIVE NUMBERS SHEET 3 ANSWERS

A) Work out these multiplications.

1)  $3 \times (-12) =$

2)  $(-20) \times 4 =$

3)  $(-8) \times (-7) =$

4)  $30 \times (-5) =$

5)  $(-11) \times 9 =$

6)  $(-6) \times (-8) =$

7)  $40 \times (-3) =$

8)  $(-6) \times 12 =$

9)  $(-8) \times (-8) =$

10)  $(-50) \times 7 =$

11)  $(-9) \times (-10) =$

12)  $(-7) \times 30 =$

13)  $20 \times (-9) =$

14)  $(-40) \times (-4) =$

15)  $(-7) \times 100 =$

16)  $(-4) \times (-80) =$

17)  $50 \times (-9) =$

18)  $(-12) \times (-11) =$

19)  $(-60) \times 7 =$

20)  $(-30) \times (-8) =$

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

|    |    |    |   |     |    |   |    |
|----|----|----|---|-----|----|---|----|
| 12 | -4 | -3 | 2 | -10 | -6 | 9 | -5 |
|----|----|----|---|-----|----|---|----|

1)  $\underline{\quad} \times \underline{\quad} = -60$

4)  $\underline{\quad} \times \underline{\quad} = -27$

2)  $\underline{\quad} \times \underline{\quad} = -20$

5)  $\underline{\quad} \times \underline{\quad} = 12$

3)  $\underline{\quad} \times \underline{\quad} = -48$

6)  $\underline{\quad} \times \underline{\quad} = 50$

7) Find 4 different ways (using the numbers above) to complete these equations:

$(-4) \times 9 = -36$

$9 \times (-4) = -36$

$12 \times (-3) = -36$

$(-3) \times 12 = -36$

8) Use two *different* number combinations from the list to complete this equation.

$(-5) \times (-6) \times (-4) = -120$

$12 \times 2 \times (-5) = -120$