

## Negative Numbers: Multiplication and Division

### Workout

Question 1:

- |          |          |         |         |
|----------|----------|---------|---------|
| (a) -6   | (b) -12  | (c) -25 | (d) 14  |
| (e) 18   | (f) -32  | (g) -27 | (h) 40  |
| (i) -63  | (j) -80  | (k) -28 | (l) 48  |
| (m) -33  | (n) -60  | (o) 144 | (p) -35 |
| (q) -72  | (r) 56   | (s) -72 | (t) -52 |
| (u) -110 | (v) 120  | (w) 98  | (x) 234 |
| (y) -175 | (z) -336 |         |         |

Question 2:

- |         |         |          |         |
|---------|---------|----------|---------|
| (a) -12 | (b) -30 | (c) 60   | (d) 120 |
| (e) 36  | (f) -60 | (g) -128 | (h) 140 |

Question 3:

- |         |        |         |         |
|---------|--------|---------|---------|
| (a) 9   | (b) 36 | (c) 4   | (d) 1   |
| (e) 100 | (f) 64 | (g) 144 | (h) 400 |

Question 4:

- |        |            |        |          |
|--------|------------|--------|----------|
| (a) -8 | (b) -27    | (c) -1 | (d) -125 |
| (e) 1  | (f) 10,000 | (g) 16 | (h) 81   |

Question 5:

- |         |         |        |         |
|---------|---------|--------|---------|
| (a) -5  | (b) -4  | (c) -6 | (d) -7  |
| (e) -3  | (f) -3  | (g) -4 | (h) -8  |
| (i) 2   | (j) 7   | (k) 10 | (l) 6   |
| (m) -1  | (n) -8  | (o) 1  | (p) -12 |
| (q) -9  | (r) 12  | (s) -4 | (t) -25 |
| (u) -19 | (v) 7   | (w) 12 | (x) 43  |
| (y) -6  | (z) -38 |        |         |

Question 6:

- |           |           |          |          |
|-----------|-----------|----------|----------|
| (a) 45    | (b) -4    | (c) -11  | (d) -24  |
| (e) 8     | (f) -84   | (g) -9   | (h) 32   |
| (i) -48   | (j) 42    | (k) -5   | (l) -8   |
| (m) 9     | (n) 70    | (o) -110 | (p) -13  |
| (q) 270   | (r) 17    | (s) -1   | (t) 4.5  |
| (u) -8.5  | (v) -22   | (w) 9.3  | (x) 18.6 |
| (y) -94.5 | (z) -10.4 |          |          |

### Apply

Question 1:

- |       |       |        |       |
|-------|-------|--------|-------|
| (a) 5 | (b) 0 | (c) -3 | (d) 9 |
|-------|-------|--------|-------|

Question 2:

- (a) -4      (b) 16      (c) -8      (d) -12

Question 3:

Examples;

- (1)  $4 \times -5$       (2)  $-2 \times 10$       (3)  $-1 \times 20$       (4)  $-2 \times -5 \times -2$   
(5)  $2 \times 10 \times -1$       (6)  $5 \times -4$       (7)  $-40 \times 0.5$       (8)  $8 \times -2.5$

Question 4:

Examples;

- (1)  $-6 \div 2$       (2)  $21 \div -7$       (3)  $99 \div -33$       (4)  $-9 \div 3$   
(5)  $63 \div -7 \div 3$       (6)  $-300 \div 20 \div 5$       (7)  $-1.5 \div 0.5$       (8)  $-19.5 \div 6.5$

Question 5:

- (a) -54, 162  
(b) 40, -80  
(c) -30, 15  
(d) 1.5, -0.75

Question 6:

-2	36	-3
9	6	4
-12	1	-18

Question 7

-5	100	2
4	-10	25
50	1	-20

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