Math worksheet on *'Algebraic Functions - Terms that Add To M and Multiply to N (Level 1)'*. Part of a broader unit on *'Polynomials and Quadratics - Intro'*

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1 Which pair of integers have the sum and product shown?

$$a + b = 7$$
$$a \times b = 10$$

a 5, 2	**b** 0, 3	**c** 7, 3
d 4, 1	**e** 0, 0	**f** 4, 6

2 Which pair of integers have the sum and product shown?

$$a + b = 11$$
$$a \times b = 18$$

a 10, -3	**b** 4, 4
c 13, 5	**d** 11, -1
e 9, 2	**f** 13, 4

3 Which pair of integers have the sum and product shown?

$$a + b = 13$$
$$a \times b = 42$$

a 4, 8	**b** 5, 10	**c** 7, 6
d 11, 9	**e** 4, 4	**f** 8, 2

4 Which pair of integers have the sum and product shown?

$$a + b = 8$$
$$a \times b = 16$$

a 6, 5	**b** 4, 3	**c** 4, 4
d 7, 4	**e** 5, 8	**f** 7, 0

5 Which pair of integers have the sum and product shown?

$$a + b = 6$$
$$a \times b = 0$$

a 6, 0	**b** 10, -5
c 8, -5	**d** 1, -1
e 7, -1	**f** 7, 1

6 Which pair of integers have the sum and product shown?

$$a + b = 5$$
$$a \times b = 0$$

a -5, 2	**b** 1, 1	**c** 4, 3
d 0, 5	**e** 2, 8	**f** -4, 9

7 Which pair of integers have the sum and product shown?

$$a + b = 10$$
$$a \times b = 24$$

a 10, 1	**b** 6, 4	**c** 1, 1
d 9, 2	**e** 9, 8	**f** 7, 8