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**11+ Questions 2: Algebra**

1. 4a + 21 = 2a + 27

What is the value of a

A) 1 B) 2 C) 3 D) 5 E) 9

2. 6a + 12 = 4a + 24

What is the value of a

A) 1 B) 4 C) 6 D) 12 E) 20

3. 7a + 4 = 5a + 12

What is the value of a

A) 1 B) 2 C) 3 D) 4 E) 9

4. 9a + 16 = 2a + 30

What is the value of a

A) 5 B) 6 C) 8 D) 7 E) 9

5. 9a + 15 = 4a + 35

What is the value of a

A) 1 B) 2 C) 4 D) 5 E) 9

6. 8a + 21 = 5a + 27

What is the value of a

A) 1 B) 2 C) 3 D) 5 E) 9

**Answers: 1) C 2) C 3) D 4) D 5) C 6) B**