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Math worksheet on *'Sums - Series of Integers M to N - Equation to Sum (Level 2)'*. Part of a broader unit on *'Patterns and Sums - Advanced'*

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1 What is the sum of the integers from 2 to 12 based on this equation?

$$\frac{12(12+1)}{2} - \frac{(2-1)2}{2}$$

a	b	c	d	e
75	65	77	90	78

2 What is the sum of the integers from 6 to 15 based on this equation?

$$\frac{15(15+1)}{2} - \frac{(6-1)6}{2}$$

a	b	c	d	e
110	121	90	105	99

3 What is the sum of the integers from 17 to 25 based on this equation?

$$\frac{25(25+1)}{2} - \frac{(17-1)17}{2}$$

a	b	c	d	e
172	215	164	189	205

4 What is the sum of the integers from 6 to 16 based on this equation?

$$\frac{16(16+1)}{2} - \frac{(6-1)6}{2}$$

a	b	c	d	e
121	105	138	115	126

5 What is the sum of the integers from 9 to 18 based on this equation?

$$\frac{18(18+1)}{2} - \frac{(9-1)9}{2}$$

a	b	c	d	e
135	117	143	126	154

6 What is the sum of the integers from 6 to 18 based on this equation?

$$\frac{18(18+1)}{2} - \frac{(6-1)6}{2}$$

a	b	c	d	e
175	150	138	161	156

7 What is the sum of the integers from 3 to 11 based on this equation?

$$\frac{11(11+1)}{2} - \frac{(3-1)3}{2}$$

a	b	c	d	e
60	63	65	52	75