



1

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3

$$(1 + 2)$$

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6

$$(1 + 2 + 3)$$

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10

$$(1 + 2 + 3 + 4)$$

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# 15

$$(1 + 2 + 3 + 4 + 5)$$

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21

$$(1 + 2 + 3 + 4 + 5 + 6)$$

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28

$$(1 + 2 + 3 + 4 + 5 + 6 + 7)$$

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36

(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8)

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# 45

$$(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9)$$

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# 55

$$(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10)$$

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66

$$(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 \\ + 10 + 11)$$

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78

$$(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 \\ + 10 + 11 + 12)$$

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# Triangular Numbers

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