

Name : _____

T2L2S1

Evaluate: Special Series

Evaluate each series.

1) $\sum_{k=4}^{16} (3k^2 - 2)$

2) $\sum_{q=5}^{12} (8 + 2q^3)$

3) $\sum_{m=3}^{11} \left(\frac{m}{2}\right)(m^2)$

5) $\sum_{p=9}^{23} (50 - p)$

7) $\sum_{y=11}^{27} (y(y + 2))$

8) $\sum_{c=6}^{14} \left(\frac{c^3 + 1}{3}\right)$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Evaluate: Special Series

Evaluate each series.

1) $\sum_{k=4}^{16} (3k^2 - 2)$

4420

2) $\sum_{q=5}^{12} (8 + 2q^3)$

12032

3) $\sum_{m=3}^{11} \left(\frac{m}{2}\right)(m^2)$

2205**PREVIEW**Gain complete access to the largest
collection of worksheets in all subjects!Members, please
log in to
download this
worksheet.Not a member?
Please sign up to
gain complete
access.www.mathworksheets4kids.com

5) $\sum_{p=9}^{23} (50 - p)$

-337

7) $\sum_{y=11}^{27} (y(y + 2))$

7191

8) $\sum_{c=6}^{14} \left(\frac{c^3 + 1}{3}\right)$

3603