

4-3 Standard form

- _____ 1. Rewrite the equation $y = \frac{2}{3}x + 5$ in standard form.
- _____ 2. Give the equation of the line in standard form that is parallel to $y = 8x - 5$ and passes through the point $(1, 20)$.
- _____ 3. Rewrite the equation $3y = -2x - 9$ in standard form.
- _____ 4. Rewrite the equation $3y = \frac{5}{6}x + 2$ in standard form.
- _____ 5. Which equation below is not in standard form?
A. $3x - y = 5$ B. $4x + y = -3$ C. $-2x + y = 9$ D. $x - y = -1$

4-4 A Sigma Notation

- _____ 1. $\sum_{n=1}^3 5n$ _____ 2. $\sum_{n=-2}^1 2n - 1$
- _____ 3. $\sum_{n=-2}^0 n^2 ?$ _____ 4. $\sum_{n=-2}^3 2 - n ?$
- _____ 5. $\sum_{n=2}^4 -3n + 4$

4-4 B Factorial Notation

- _____ 1. $\frac{28!}{27!}$
- _____ 2. $\frac{40!}{38!}$
- _____ 3. $\frac{100!}{98!}$
- _____ 4. $\frac{8!7!}{6!5!}$
- _____ 5. $\frac{6!}{2!4!}$