

1. Gloria can type 80 **words per minute**. Which of the following expressions represents the number of minutes she needs to type a 300 word report?
- (1) 80×300
- (2) 60×300
- (3) $\frac{300}{80}$
- (4) $\frac{300}{80}$
- (5) $\frac{300}{(80 \times 60)}$
2. Janet types 65 **words per minute**. Which expression represents the number of minutes Janet needs to type a ten page report if each page has an average of 300 words?
- (1) $10 \times 300 \times 65$
- (2) $\frac{65}{(10 \times 300)}$
- (3) $\frac{(65 \times 300)}{10}$
- (4) $\frac{(10 \times 300)}{65}$
- (5) $65 (10 \times 300)$
3. Federico types an average of 50 **words per minute**. Which of the following expressions represents the number of minutes he needs to type a six page report if each page has an average of 300 words?
- (1) $6 \times 300 \times 50$
- (2) $\frac{(6 \times 300)}{50}$
- (3) $\frac{300}{(6 \times 50)}$
- (4) $\frac{(6 \times 50)}{300}$
- (5) $\frac{(50 \times 300)}{6}$
4. Stella made \$8.50 an hour for 40 hours and \$12.75 an hour for 6 hours of overtime work. Which expression represents her **total** salary?
- (1) 46×8.50
- (2) $(40 \times 12.75) + (6 \times 8.50)$
- (3) $40(12.75 + 8.50)$
- (4) $(40 \times 8.50) + (6 \times 12.75)$
- (5) $46(8.50 + 12.75)$
5. Mario worked eight hours on Monday, six hours on Tuesday, and

five hours on Wednesday landscaping a house. He made \$12 an hour. Which expression represents the **total** amount he was paid for the job?

- (1) $8(12 + 6 + 5)$
- (2) $12(8 + 6 + 5)$
- (3) $12 + 8 + 6 + 5$
- (4) $(12 \times 8) + (6 \times 5)$
- (5) $\frac{(8 + 6 + 5)}{12}$

6. Luceros' Home and Garden Supply can produce 20 lawn mowers each hour. Which of the following expressions represents the **total** number of lawn mowers they can produce working 8 hours a day 5 days a week?

- (1) $\frac{(20 \times 8)}{5}$
- (2) $\frac{(20 \times 5)}{8}$
- (3) $\frac{(5 \times 8)}{20}$
- (4) $20 \times 8 \times 5$
- (5) $\frac{(20 + 8)}{5}$

7. Louise tutors four students in English. Her students are Mary Lee who is 33 years old, Carlos who is 25, Lisa who is 47, and Isabel who is

19. Which expression represents the **average** age of Louise's students?

- (1) $2(33 + 25) + 2(47 + 19)$
- (2) $33 \times 25 \times 47 \times 19$
- (3) $\frac{(33 + 25)}{2} + \frac{(47 + 19)}{2}$
- (4) $\frac{(33 + 25 + 47 + 19)}{4}$
- (5) $\frac{(33 + 25 + 47 + 19)}{\frac{1}{4}}$

8. Edith and Alma drove to Albuquerque, New Mexico. Edith drove four hours at an average speed of 70 mph. Alma drove five hours at an average speed of 65 mph. Which of the following expressions represents the **total** distance they traveled?

- (1) $4 \times 70 \times 5 \times 65$
- (2) $\frac{(4 + 5 + 70 + 65)}{2}$
- (3) $4(70) + 5(65)$
- (4) $4(5) + 5(65)$
- (5) $9(70 + 65)$