



Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Score: \_\_\_\_\_



## WORKSHEET

### REVISION WS-5

7. If  $a$  varies inversely as  $b$  and  $a = 12$  when  $b = 5$ , find  $a$  when  $b = 10$ .

- A. 5                      B. 6                      C. 7                      D. 8

8. A car travels 270 km in 3 hours. How far will it travel in 7 hours at the same speed?

- A. 610 km              B. 620 km              C. 630 km              D. 640 km

9. 24 men can complete a work in 15 days. How many men are needed to complete it in 9 days?

- A. 38 men              B. 39 men              C. 40 men              D. 42 men

10. If  $z$  varies directly as  $x$  and inversely as  $y$ , and  $z=20$  when  $x=10$  and  $y=5$ , find  $z$  when  $x=15$  and  $y=10$ .

- A. 12                      B. 13                      C. 14                      D. 15



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