

What Did Kate Call Her Twin Sister?

Solve each problem below. Find your answer in the answer column and notice the letter next to it. Look for this letter in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the remaining letters in the rectangle at the bottom of the page.

- 1 The Macmillan family bought three bicycles last year. Two of them were 10-speed racing bikes that cost \$189.50 each. The third was a touring model that cost \$135.75. How much did the three bikes cost altogether?
- 2 The record speed for a bicycle with one rider is 58.64 miles per hour. The record for a bicycle with two riders is 62.92 miles per hour. How much faster was the bicycle with two riders?
- 3 On May 23, 1932, Hubert Opperman set a 24-hour record for distance on a bicycle. He rode for 24 hours at an average speed of 35.8 miles per hour. How far did he travel?
- 4 Ms. Wink bought a helmet for \$37.95, a lock for \$12.39, and a pump for \$8.50. The tax was \$3.82. How much change did she receive from 2 fifty-dollar bills?
- 5 Cycle World sells bicycle tire tubes at \$4.95 each or in a package of 3 tubes for \$12.50. How much do you save by buying the package of three?
- 6 Bill works at Two-Tired Bike Shop after school. He works 1.75 hours each day Monday through Thursday and 1.5 hours on Friday. If Bill is paid \$5.40 per hour, how much does he earn in a week?
- 7 Michelle lives 2.7 km from school. Last year she made 150 round-trips from her home to school and back, riding her bike. How far did she ride altogether?
- 8 Vincent bought a bicycle that weighed 29 lb. He also bought a rack that weighed 1.3 lb, a mirror that weighed 0.24 lb, and a lock that weighed 0.625 lb. How much did the bike weigh with these accessories attached to it?
- 9 In lowest gear on a 10-speed bike, each turn of the pedals makes the wheels turn 3.4 times. In highest gear, each turn of the pedals makes the wheels turn 1.8 times. With each turn of the wheels, the bike travels 6.5 feet. How much farther does the bike travel with each turn of the pedals in lowest gear than in highest gear?

Answers	
(P)	760 km
(A)	\$36.94
(E)	4.12 mph
(W)	859.2 mi
(D)	12.2 ft
(N)	810 km
(T)	30.985 lb
(H)	\$514.75
(O)	10.4 ft
(F)	\$37.34
(U)	\$1.95
(B)	4.28 mph
(R)	\$45.90
(I)	\$573.25
(S)	31.165 lb
(L)	863.2 mi
(Y)	\$2.35
(C)	\$48.60

W R H S D O F U N P B Y L O S I S C W R A N H T O W E R Y

ANSWER TO PUZZLE: