

PRACTICE DRILL 3—RATIOS



Remember to time yourself during this drill!

1. At Anna's Ice Cream Shop, ice cream cones are sold as single, double, or triple scoops. The ratio of single to double to triple scoops sold on a particular Saturday was 3:5:1. If the total number of cones sold was 45, how many double scoops were sold?
(A) 5
(B) 15
(C) 20
(D) 25
2. In Jade's class, 14 of the 26 students have brown eyes. What is the ratio of the students in Jade's class with brown eyes to students with another eye color?
(A) 7:13
(B) 6:7
(C) 7:6
(D) 13:12
3. Casper runs 3 miles every day and swims 2 miles every day. When Casper has completed a total of 25 miles, how many miles did he swim?
(A) 5
(B) 10
(C) 12.5
(D) 15

Practice Drill 3—Ratios

1. **D**

When the question asks about ratios, make a Ratio Box. Place the given information into a Ratio Box:

	SINGLES	DOUBLES	TRIPLES	TOTAL
Ratio	3	5	1	
Multiplier				
Actual				45

Add the three ratios to find the ratio total, which is 9. Next determine what times 9 equals 45, which is 5. Finally, multiply 5 by 5 to find the actual number of double scoops, which is 25. The correct answer is (D).

2. **C**

If 14 of the 26 students have brown eyes, then 12 students have another eye color. Thus, the ratio of students with brown eyes to students with another eye color is 14 to 12, which, when reduced, is 7 to 6. The correct answer is (C).

3. **B**

When the question asks about ratios, make a Ratio Box. Place the given information into a Ratio Box:

	RUN	SWIM	TOTAL
Ratio	3	2	
Multiplier			
Actual			25

Add the two ratios to find the ratio total, which is 5. Next determine what times 5 equals 25, which is 5. Finally, multiply 2 by 5 to find the actual number of miles he swam, which is 10. The correct answer is (B).