

1. At Bay Foods the ratio of male to female employees is 5:3. There are a **TOTAL** of 96 employees. How many **women** work at the factory?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

2. Pat's softball team won 5 games for every 3 games they lost. The team played a **TOTAL** of 32 games. How many games did they **win**?

① ② ③ ④ ⑤

- (1) 20  
(2) 32  
(3)  $42 \frac{1}{3}$   
(4) 160  
(5) not enough information given

3. The ratio of union workers to non union workers is 3:7. There are a **TOTAL** of 40 workers. How many **union** workers work there?

① ② ③ ④ ⑤

- (1) 10  
(2) 12  
(3) 14  
(4) 15  
(5) 40

4. The ratio of red marbles to blue marbles is 5:7. There are a **TOTAL** of 24 marbles. How many **red** marbles are there?

① ② ③ ④ ⑤

- (1) 10  
(2) 12  
(3) 14  
(4) 16  
(5) 18

5. The ratio of girls to boys at George Washington High School is 5:4. There are a **TOTAL** of 45 students in the school. How many **girls** are there?

① ② ③ ④ ⑤

- (1) 22  
(2) 24  
(3) 25  
(4) 225  
(5) 250