Questions 1, 2, and 3 refer to the following information.

There are 8 men and 12 women in math class.

1.   How many <u>total</u> students are there in class?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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.   What fraction of the class is <u>men</u>?
① ② ③ ④ ⑤
(1) $2/5$
(2) $3/5$
(3) $4/7$
(4) $5/7$
(5) $6/7$

3.   What fraction of the class is <u>women</u>?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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

Questions 4 and 5 refer to the following information.

Holly High School's volleyball team
played a total of 28 games. They won 20 games.

4.   What fraction of the games did Holly High School <u>win</u>?
① ② ③ ④ ⑤
(1) $2/7$
(2) $3/7$
(3) $4/7$
(4) $5/7$
(5) $6/7$

5.   What fraction of the games did Holly High School <u>lose</u>?
① ② ③ ④ ⑤
(1) $2/7$
(2) $3/7$
(3) $5/7$
(4) $6/7$
(5) $6/11$

Questions 6 and 7 refer to the following information.

There are a total of 21 employees at Smith's Grille.
14 are men.

6.   What fraction of the employees is <u>men</u>?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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

7.   What fraction of the employees is women?
     ① ② ③ ④ ⑤
     (1) $^1/_3$
     (2)   ½
     (3)   ¾
     (4) $^5/_7$
     (5) $^6/_{13}$

Questions 8, 9, and 10 refer to the following information.

Frances was driving to Denver. After Frances had driven 150 miles, she stopped in Hartley to eat. She still had 75 miles to go.

8.   What was the total distance she had to drive?
     ① ② ③ ④ ⑤
     (1)   200 miles
     (2)   225 miles
     (3)   250 miles
     (4)   300 miles
     (5)   350 miles

9.   What fraction of the drive had she driven when she stopped to eat?
     ① ② ③ ④ ⑤
     (1) $^1/_3$
     (2)   ½
     (3) $^2/_3$
     (4) $^7/_9$
     (5) $^6/_{11}$

10.   What fraction of the drive did she still have to go?
      ① ② ③ ④ ⑤
      (1) $^1/_3$
      (2)   ½
      (3) $^2/_3$
      (4) $^3/_{10}$
      (5) $^5/_{12}$

Questions 11, 12, 13, 14, and 15 refer to the following information.

Karen's total salary is $2000 a month. Her expenses are as follows.

EXPENSES	
rent	$400
insurance	$150
car payment	$250
entertainment	$100

11.   What fraction of her salary does Karen spend on entertainment?

12.   What fraction of her salary does Karen spend on rent?
      ① ② ③ ④ ⑤
      (1) $^1/_5$
      (2)   ¼
      (3)   ½
      (4) $^5/_{13}$
      (5) $^6/_{17}$

13.   What fraction of her salary does Karen spend on insurance?
      ① ② ③ ④ ⑤
      (1)   ¼
      (2) $^3/_{40}$
      (3)   ¾
      (4) $^9/_{10}$
      (5) $^6/_{13}$

14. What fraction of her salary does Karen spend on her car payment?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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

15. After paying rent, car payment, insurance, and entertainment, what fraction of her salary does Karen have left?
① ② ③ ④ ⑤
(1)　$^1/_{20}$
(2)　$^9/_{20}$
(3)　$^{11}/_{20}$
(4)　$^{13}/_{20}$
(5)　$^{17}/_{20}$

Questions 16 and 17 refer to the following information.

There are a total of 36 inches in a yard.

16. What fraction of a yard is 18 inches?
① ② ③ ④ ⑤
(1)　¼
(2)　½
(3)　¾
(4)　$^3/_8$
(5)　$^7/_9$

17. What fraction of a yard is 30 inches?
① ② ③ ④ ⑤
(1)　$^1/_6$
(2)　$^5/_6$
(3)　¾
(4)　$^9/_{10}$
(5)　$^{11}/_{12}$

18. Twenty five cents is what fraction of a dollar?
① ② ③ ④ ⑤
(1)　½
(2)　¾
(3)　¼
(4)　$^1/_8$
(5)　$^1/_{10}$

Questions 19, 20, 21, and 22 refer to the following information.

> 3 blue marbles
> 7 red marbles
> 9 green marbles
> 5 yellow marbles

19. What fraction of the marbles is blue?
① ② ③ ④ ⑤
(1)　$^1/_8$
(2)　¼
(3)　½
(4)　$^5/_9$
(5)　$^6/_{17}$

20. What fraction of the marbles is red?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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

21. What fraction of the marbles is green?
① ② ③ ④ ⑤
(1)　$^1/_8$
(2)　$^3/_8$
(3)　$^5/_8$
(4)　$^4/_9$
(5)　$^5/_{24}$

22. What fraction of the marbles are yellow?
①②③④⑤
(1) $^1/_{24}$
(2) $^5/_{24}$
(3) $^7/_{24}$
(4) $^{11}/_{24}$
(5) $^{13}/_{24}$

Questions 23, 24, and 25 refer to the following information.

There are a total of 12 months in a year.

23. January and February are what fraction of a year?
①②③④⑤
(1)   ½
(2)   ¾
(3) $^1/_6$
(4) $^1/_7$
(5) $^1/_8$

24. May, June, and July are what fraction of a year?
①②③④⑤
(1)   ½
(2)   ¾
(3)   ¼
(4) $^2/_9$
(5) $^3/_{10}$

25. January through June are what fraction of a year?
①②③④⑤
(1)   ½
(2)   ¾
(3)   ¼
(4) $^5/_8$
(5) $^4/_9$

Questions 26, 27, and 28 refer to the following information.

Molly took a math test.
She answered 44 questions correctly.
She answered 16 questions incorrectly.

26. How many total questions were on the math test?

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
⓪	⓪	⓪	⓪	⓪
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

27. What fraction of the questions did Molly answer correctly?
①②③④⑤
(1) $^1/_{15}$
(2) $^4/_{15}$
(3) $^{11}/_{15}$
(4) $^{13}/_{15}$
(5) $^{14}/_{15}$

28. What fraction of the questions did Molly answer incorrectly?
①②③④⑤
(1) $^1/_{15}$
(2) $^4/_{15}$
(3) $^{11}/_{15}$
(4) $^{13}/_{15}$
(5) $^{14}/_{15}$