

## Practice FCAT Answer Key

Elementary Reading:

### *Coming To Life*

1. Character Forming is the process of drawing cartoons characters. The character starts out as a colorless sketch. In later stages, there are more details, color, and the characters look like they move.
2. C
3. G
4. D
5. F
6. A
7. H
8. C

### *City, City*

1. D
2. F
3. A
4. In Part I the poet is sad and in Part II she is glad. In Part I she uses sad words like “wrong,” “bad,” and “shadow” to give a sad tone. In Part II she uses words like “golden,” “shine,” and “gladness” to give a glad or happy tone.
5. H
6. C
7. They are opinions. She reports her feelings in the poems not something that can be substantiated other than what she reports. They are her view of how things are. She refers to how the city makes her feel which is an opinion since someone else may see the same things and not have the same response.
8. D

### *From Past Times to Today's Sports*

1. A
2. Sepah raga was first because “sepah takraw is based on sepak raga,” so sepak takraw came second. Then soccer came next because it is a modern version of sepak raga. It was originally played in early China and Greece. Soccer started in England in 1848. In 1863, the rules were written.
3. F
4. B
5. F
6. C
7. H
8. A



Middle School Reading

*The Gift of Sight*

- |      |      |      |
|------|------|------|
| 1. C | 4. F | 7. C |
| 2. G | 5. A |      |
| 3. B | 6. I |      |

8. For now, they are helping people who have current eye problems. For the future, they are training additional doctors so they can help people.

*North by Northwest*

- |      |      |      |
|------|------|------|
| 1. B | 4. H | 7. C |
| 2. G | 5. A |      |
| 3. C | 6. F |      |

8. The article was written to encourage people to visit the area by describing the wonderful things to see there: 1) “Beaches, mountains and lakes, colorful towns and country roads,” and 2) beautiful lakes like Lough Gill with “stunning scenery and past numerous places Yeats described in his poems.”

*Super Fluff*

- |      |      |      |
|------|------|------|
| 1. A | 4. I | 7. A |
| 2. F | 5. D |      |
| 3. D | 6. G |      |

8. The two conditions are high pressure and high temperature. The passage says, “researchers subject a gel to high pressure as well as high temperature,” to avoid the surface tension which collapses the pores and shrivels the gel.

Middle School Math

1. A
2. I
3. 17496
4. B
5.  $16/3$
6. H
  
7. 80,000—500 people times 40 sections times 4 (because  $\frac{1}{4}$  of the stadium).
  
8. 142,600—the four triangular sides have areas of  $\frac{1}{2}$  the base (230) times the height (195) which is 22,425 times the 4 sides is 89,700. The area of the bottom of the pyramid is 230 times 230 or 52,900. Adding the sides (89,700) to the base (52,900) is 142,600.
  
9. 65.71
10. 12
11. B
12. I
13. 160
14. 25
15. C
  
16. (1,-2) and 11.3  
units
17.  $-3/4$  and (4,0)
18. 6
19. F
20. B
  
21. G
22. 14
23. D
24. I
25. D

## High School Reading

### *Why Run?*

- |      |      |      |
|------|------|------|
| 1. D | 4. F | 7. D |
| 2. I | 5. D |      |
| 3. C | 6. F |      |
8. You can experience stress fractures, foot problems (like blisters), and muscle problems (like cramping).

### *The Explosion in the Parlor*

- |      |      |      |
|------|------|------|
| 1. D | 4. F | 7. D |
| 2. H | 5. A |      |
| 3. B | 6. F |      |
8. It is a story about human nature. The father explains, “There are things people accept less the more you defend them. The truer the story you tell, the less true it sounds.” His point isn’t that he lied but rather it was easier for the host to accept his account of the accident than the reality of the thermos being set down unsteadily.

### *Work Schedule*

- |      |      |      |
|------|------|------|
| 1. C | 4. G | 7. A |
| 2. G | 5. A | 8. H |
| 3. C | 6. G |      |

High School Math

1. B
2. F
3. A
4. H
5. 182
  
6. 60,000—I drew other blocks as close to the same size as the shaded block in the area. There were about 20. 20 times 3,000 gives an estimate of 60,000 pounds.
  
7. A. cone + outside of cylinder (without ends)+ circular end of pencil = surface area
$$\frac{1}{2}(2\pi r)l + 2\pi r h + \pi r^2 = \text{surface area}$$
B. 
$$\frac{1}{2}(2 \times 3.14 \times 1.25) + (2 \times 3.14 \times 1.25 \times 60) + (3.14 \times 1.25^2) = 495.5$$
  
8. B
9. F
10. 7.25
11. C
12. 50
13. H
14. G
15. A. 3      B. 250,000      C. number of new users each week      D. 30,000
16. D
  
17. 8—substituting the radii of 2 and 4 in the formula for volume of a sphere ( $\frac{4}{3}\pi r^3$ ) and comparing the answers, everything cancels except the radii. 2 cubed is 8 and 4 cubed is 64, which is 8 times more volume or heavier. An easier way to do it is to cube the relative size of the increase, which is 2. 2 cubed is 8.
  
18. I
  
19. A. Glades and Hendry counties since their two lines are most similar  
B. Less, since its percent growth will about double (100% increase) and in the previous 60 years it has gone up much more on a percentage basis (about 2000%)  
C. Lee’s population is about double currently.  
D. Rate of growth
  
20. A
21. 1/5
22. D