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3 EXAMS REQUIRED FOR TEACHERREADY:

1. FTCE Subject Area (SAE):
   Pedagogy and content-based. Tests your proficiency in your subject area, both in content knowledge and methods of teaching your subject area.

2. FTCE General Knowledge (GK):
   Non-pedagogy based. A test of writing, reading, English, and math skills.

3. FTCE Professional Knowledge (PK):
   Pedagogy-based. Tests your mastery of educational pedagogy and classroom skills.
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| | - The following FTCE Subject Area exams are offered at select locations.  
| **WHERE DO I REGISTER FOR THE EXAMS?** | http://www.fl.nesinc.com/FL_Register.asp |
| **WHEN SHOULD I TAKE MY EXAMS?** | TeacherReady® requests that students complete all components of the program, including the exams, within 12 months from the start date of the program. Students who are unable to meet this timeline should set up alternate plans by contacting your TeacherReady advisor. |
| | TeacherReady® recommends that students use the following timeline to complete their exams:  
  |    - **Subject Area** – by the end of Lesson 3  
  |    - **General Knowledge** – by the end of Lesson 5  
  |    - **Professional Knowledge** – at the end of Lesson 7  
<p>| If you must travel to take your exams, it is recommended that you take all exams in the same time frame, though you will not be able to take all exams on the same day. Those who must travel can wait and take all exams near the end of the program. |
| <strong>HOW ARE THE EXAMS SCORED?</strong> | <a href="http://www.fl.nesinc.com/FL_UnderstandingScores.asp">http://www.fl.nesinc.com/FL_UnderstandingScores.asp</a> |
| <strong>HOW DO I CONTACT THE FTCE BOARD?</strong> | Testing Center Customer Service: 413-256-2893 |</p>
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TeacherReady® Online Certification Program
STUDY GUIDES AND TEST PREP:
FTCE General Knowledge (GK):

GENERAL GUIDES:

- **The Learning Liaisons**: [http://www.ftceworkshops.com](http://www.ftceworkshops.com), **Discount Code: UWFFTCE**. The Learning Liaisons has general study webinars for General Knowledge and more targeted prep sessions for Math called Math Boot Camp and for the Essay portion called Essay Boot Camp.
- **240 Tutoring**: [www.240tutoring.com](http://www.240tutoring.com) **DISCOUNT CODE: TeacherReady**
- **CEPS Library Test Guide is live at** [http://libguides.uwf.edu/ftce](http://libguides.uwf.edu/ftce)
- **www.ftceprep.com**: Website that offers full length practice tests for general knowledge subtests.
- **XAMonline** [www.XAMonline.com](http://www.XAMonline.com): Most of these book are approximately 300 pages and cost vary from approximately $15 to $74.
- **Research and Education Association (REA)** [www.rea.com](http://www.rea.com): The cost of these studies guides are approximately $35. Available at most book stores, also.
- **Kahn Academy** [https://www.khanacademy.org/](https://www.khanacademy.org/)
- **Cliff Notes, FTCE General Knowledge Test** (book) by Sandra Luna McCune and Jeffrey S Kaplan [https://www.cliffsnotes.com/test-prep](https://www.cliffsnotes.com/test-prep) and click on FTCEs.
- **FTCE General Knowledge Certification Prep** (book) by Leasha Barry, Ph.D and Alicia Mendoza Ed.D

GK ESSAY GUIDES:

- **The Learning Liaisons**: [http://www.ftceworkshops.com](http://www.ftceworkshops.com), **Discount Code: UWFFTCE**. The Learning Liaisons has targeted prep sessions for the Essay portion called Essay Boot Camp.

GK MATH GUIDES:

- **The Learning Liaisons**: [http://www.ftceworkshops.com](http://www.ftceworkshops.com), **Discount Code: UWFFTCE**. The Learning Liaisons has targeted prep sessions for the Math portion called Math Boot Camp.
- **IXL**: [www.ixl.com](http://www.ixl.com)
- **Math Instruction for General Knowledge - 240 Tutoring**: [www.240tutoring.com](http://www.240tutoring.com) **DISCOUNT CODE: TeacherReady**
- [https://www.gohacademy.com/florida-ftce-workshops](https://www.gohacademy.com/florida-ftce-workshops)
- [https://www.khanacademy.org/math/arithmetic](https://www.khanacademy.org/math/arithmetic)
- [https://www.khanacademy.org/math/pre-algebra](https://www.khanacademy.org/math/pre-algebra)
- [https://www.khanacademy.org/math/algebra-basics](https://www.khanacademy.org/math/algebra-basics)
- [https://www.khanacademy.org/math/basic-geo](https://www.khanacademy.org/math/basic-geo)
FTCE Subject Area Exams (SAE):

REVIEW COMPETENCIES FOR YOUR SA EXAM:


RESOURCES THAT OFFER VARIETY OF SAE EXAM PREP:

- **www.ftceprep.com**: Website that offers full length practice tests for 32 different FTCE subject area exams.
- **XAMonline** [www.XAMonline.com](http://www.XAMonline.com): Most of these book are approximately 300 pages and cost vary from approximately $15 to $74.
- **Exam Edge** [https://www.examedge.com/ftce/](https://www.examedge.com/ftce/): Study prep for 32 different FTCE subject area exams.
- **Research and Education Association (REA)** [www.rea.com](http://www.rea.com): The cost of these studies guides are approximately $35. Available at most book stores, also. Elementary Education, English, Exceptional Student Education, Math, and Social Science.

SUBJECT-SPECIFIC GUIDES:

- **Research and Education Association (REA)** [www.rea.com](http://www.rea.com): The cost of these studies guides are approximately $35. Available at most book stores, also. Elementary Education, English, Exceptional Student Education, Math, and Social Science.
- **Elementary K-6**: Cliff Notes [https://www.cliffsnotes.com/test-prep](https://www.cliffsnotes.com/test-prep) and click on FTCEs.
FTCE Professional Knowledge (PK):

- The Learning Liaisons: [http://www.ftceworkshops.com](http://www.ftceworkshops.com). **Discount Code: UWFFTCE**
- [www.ftceprep.com](http://www.ftceprep.com): Website that offers full length practice tests for Professional Education Exam.
- [XAMonline](http://www.XAMonline.com): Most of these book are approximately 300 pages and cost vary from approximately $15 to $74.
- Exam Edge [https://www.examedge.com/ftce/](https://www.examedge.com/ftce/)
- Research and Education Association (REA) [www.rea.com](http://www.rea.com): The cost of these studies guides are approximately $35. Available at most book stores, also.
- [Cliff Notes FTCE Professional Education Test with CD-ROM](https://www.cliffsnotes.com/test-prep) (book) by Vi Cain Alexander and Sandra Luna McCune [https://www.cliffsnotes.com/test-prep](https://www.cliffsnotes.com/test-prep) and click on FTCEs.
- [http://www.amazon.com/Professional-Education-Florida-Certification-Examination/dp/0738602809](http://www.amazon.com/Professional-Education-Florida-Certification-Examination/dp/0738602809)
Mrs. Brooks is a first-grade mathematics teacher. She wants to incorporate workstations into her lesson. She is setting up the following stations:

**Station 1:** Students toss two dice and record the numbers on each dice plus the sum on the two dice. They repeat the process ten times.

**Station 2:** Students build a tower consisting of nine cubes and each cube must have either a red or blue color on a side. Students then count the number of red sides and blue sides on each side of the tower.

**Station 3:** Two students place 13 marbles on the table. The students take turns removing from 1-12 marbles from the table and the other student has to figure out how many marbles the other student removed. The students then record the two numbers.

Which of the following concepts is Mrs. Brooks most likely trying to explore with the workstations for her students?

a. **One more and one less** [TeacherReady® Note: see picture problem below for example of this concept]
b. **Spatial concepts** [TeacherReady® Note: defines the relationship between us and objects, as well as the relationships of objects to each other.]

c. **Benchmarking numbers** [TeacherReady® Note: benchmark numbers are predefined numbers that assist in estimation of an unknown quantity.]

d. **Part-whole-part** [TeacherReady® Note: involve seeing numbers as being made of two or more parts]

**Correct Answer: D**

A heat wave began at 6:10 a.m. on a Tuesday morning. The temperatures were recorded by Mr. Davis' class. Mr. Davis asked his students to create an equation that represented the rise in temperature and would use x to represent the hours.

- **Time:** 6:10am, 8:10am, 10:10am, 12:10am, 2:10pm
- **Temp:** 70, 76, 82, 88, 94

a. \( Y=3x \)
b. \( Y=3x+70 \)
c. \( Y=6x \)
d. \( Y=6x + 70 \)

**Correct Answer: B**

**TeacherReady® Note:** The question is asking you to identify the rise in temperature (so, \( Y = \) the rise in temperature). Look at the temperature readings. What's the rise in temperature? (differs by 6 degrees each reading OR 3 times the number of hours from the original reading, right?)

The question tells you to use “x” to represent the hours. So, at “zero hours” the temperature is 70; after “2 hours” (8:10 a.m.) the temperature is 76; after “4 hours” (10:10 a.m.) the temperature is 82, after “6 hours” (12:10 p.m.) the temperature is 88..., etc.

Build the equation using this information: Rise in Temp \( (Y) = 3 \times \) (Number of Hours) + 70 and test it using the numbers: 94 = 3 \times 8 \) hours (from original) + 70 [yes, 94 = 94] or simply test each of the answer choices by plugging in numbers to see which one works.
Bobby is buying gumballs for 7 of his friends. There are 51 gumballs before Bobby makes his purchase at the store. Bobby wants to give each of his friends the same amount of gumballs and not have any gumballs left. Which of the following approaches can Bobby use to find the greatest number of gumballs he can purchase to give his friends?

- **a.** Divide 51 by 7
- **b.** One a piece of paper draw 51 gumballs and then circle groups of 7 gumballs and then count how many gumballs are left not circled.
- **c.** Create a table where one side of the table represents the number of gumballs and the other side represents the number of friends.
- **d.** Make a list of the multiples of 7 and then purchase the highest multiple of 7 that is less than 51.

_Correct Answer: D_

**TeacherReady® Student Comment:** I understand why this answer is favored after studying the question. However, my first response was “A”. I still feel as though A would be the easiest and quickest way to solve the problem.

**TeacherReady® Note:** You can choose “a,” but it doesn’t give you the greatest number of gumballs to purchase because 7 does not divide evenly into 51. So then how do you know the # of gumballs to buy because it’s simply going to give you [You’re buying more than 7.29, right? Well, how many is what the question is asking, and 7.29 is not how many you are buying] This is why “d” is the answer. You find the highest multiple of 7 (google if you do not know what multiples of 7 are) lower than 51.

A class is learning about ratios and percentages. The teacher tells the class that at last Friday night’s football game there were between 800 and 1000 people. Of those at the football game, about 13-17 percent of the people had blonde hair. Which of the following is the most reasonable estimate of the number of people at the football game with blonde hair?

- **a.** 100
- **b.** 135
- **c.** 170
- **d.** 200

_Correct Answer: B_
Jim wants to walk to Bill’s house. To get to Bill’s house, Jim walks 3 miles south and then walks 4 miles east. Jim wants to know how many miles he would have walked if he just walked a straight line. How many miles would Jim have walked if he went in a straight line to Bill’s house?

a. 4 miles  
b. 5 miles  
c. 6 miles  
d. 7 miles

**Correct Answer: B**

*TeacherReady® Note: This is the Pythagorean theorem. Draw the right triangle w/ the legs 3 and 4, draw in the hypotenuse (which is the straight line). Use Pythagorean theorem to determine length of the hypotenuse. \[a^2 + b^2 = c^2; 3^2 + 4^2 = c^2; 9 + 16 = c^2; 25 = c^2; \text{square root of 25 is 5.}\]