

Answer the questions below.

1. Ian started reading a book at 3:45 P.M. He finished reading at 5:15 P.M. How long did he read his book?

2. Jackie started walking to school at 7:20 A.M. She arrived at school at 8:10 A.M. On the way, she stopped for 3 minutes to pet a dog. How long was she walking?

3. Harry began his exercises at 5:40 A.M. He jogged for 30 minutes and then did push-ups and sit-ups for another 14 minutes. At what time did he finish?

4. Angel went out to walk her three dogs. She left her house 20 minutes after her favorite TV show ended. The show ended at 4:00 P.M. She walked for 42 minutes and then returned to her house. At what time did she return?

5. Aaron was told to do 30 minutes of his homework before he went outside to play basketball. He started his homework at 3:42 P.M. and ended at 4:10 P.M. Did he complete the 30 minutes of homework that he was supposed to? Explain your answer.

6. Luke left his house to play at a friend's house at 9:35 A.M. He played football and video games with his friend most of the day. He finally returned home at 4:28 P.M. How long had Luke been gone?

7. Matthew was baking some cupcakes. He was supposed to bake them for 20 to 22 minutes. He put them into the oven at 3:52 P.M. and pulled them out at 4:14 P.M. Did they cook long enough?

8. Marsadie went on a bike ride. She was keeping track of her exercise and got to color in a star on her chart for every 15 minutes of exercise. She left at 4:20 P.M. and returned home from her bike ride at 5:10 P.M. How many stars did she color in?

Calculate elapsed time

Baking

Name _____

Answer the questions below.

1. Wes made a cake that needed to bake for 23 minutes. He put the cake in the oven at 4:48 P.M. At what time did he take the cake out of the oven? _____
2. Julie is making some cookies. Each batch of cookies bakes for 12 minutes, and she can put 12 cookies in the oven at a time. If the recipe makes 72 cookies and she starts baking the cookies at 5:15 P.M., at what time will she finish baking the last batch of cookies? (Assume that there is no lag time between each batch of cookies since she has two cookie sheets and can prepare one while the other one is baking.) _____
3. Raymond put 24 brownies into the oven at 8:08 P.M. and took them out of the oven at 8:32 P.M. They were perfect! His mother wanted to bake the same brownies and asked Raymond how long he baked the brownies. How long did Raymond bake them? _____
4. Jessica made a casserole for dinner that she wants to serve hot out of the oven at 6:15 P.M. when her father gets home from work. The casserole needs to bake for 40 minutes. At what time should she put the casserole into the oven? _____
5. Naomi is baking some bread for her family and wants it to be done 45 minutes before they have dinner so that it can cool down before slicing it. They want to eat dinner at 5:30 P.M. The bread needs to bake for 55 minutes. At what time should she put the bread into the oven? _____
6. J.D. is making cookies to take to his school tomorrow. The recipe makes 84 cookies, and he can put 12 cookies on a cookie sheet. He only has one cookie sheet, so after baking each batch, he needs about 2 minutes to get the next pan ready before it goes into the oven. If each batch of cookies bakes for 14 minutes and he starts baking at 7:17 P.M., at what time will the last batch of cookies finish baking? _____

Calculate elapsed time

TEKS 6.8.B



LESSON
9-5

Practice

Time and Temperature

Convert.

1. 3 hours 10 minutes = _____ minutes
2. $2\frac{1}{2}$ days = _____ hours
3. 2 years 1 month = _____ months
4. 360 seconds = _____ minutes
5. 150 seconds = _____ minutes
6. 336 hours = _____ weeks
7. 5 years 6 months = _____ months
8. 86,400 seconds = _____ days
9. 2 minutes 10 seconds = _____ seconds
10. $1\frac{1}{2}$ days _____ minutes

Estimate the temperature.

11. 15°C is about $^{\circ}\text{F}$.
12. 4°C is about $^{\circ}\text{F}$.
13. 44°F is about $^{\circ}\text{C}$.
14. 86°F is about $^{\circ}\text{C}$.

Compare. Write $<$, $>$, or $=$.

15. 32 hours $1\frac{1}{4}$ days
16. 5 weeks 840 hours
17. 3,000 seconds 1 hour
18. 3 years 150 weeks

19. Jackson started raking leaves at 10:20 A.M. and raked for 1 hour 55 minutes. At what time did Jackson finish raking the leaves?

20. Mia rented a movie that lasts 2 hours 5 minutes. She took a 10-minute break after watching half of the movie. Mia started to watch the movie at 11:45 A.M. When did the movie end?

TEKS/TAKS SPIRALED PRACTICE 13

Grade 6

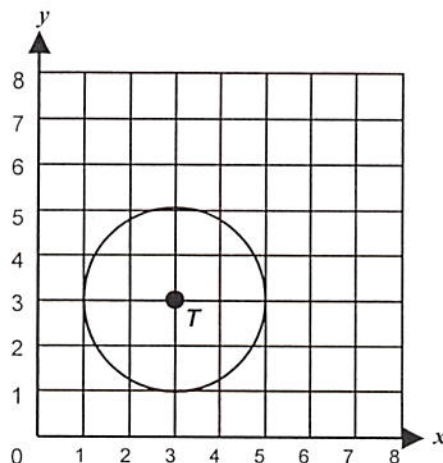
1. The cafeteria sells dill pickles during lunch. They bought 10 gallons to sell this week. On Monday they sold $2\frac{3}{4}$ gallons, on Tuesday they sold $2\frac{1}{2}$ gallons, on Wednesday they sold $4\frac{2}{3}$ gallons. Wednesday they bought 6 more gallons. Which expression can be used to find the number of gallons they had then?

- A $10 - 2\frac{3}{4} - 2\frac{1}{2} - 4\frac{2}{3}$
- B $10 - 2\frac{3}{4} - 2\frac{1}{2} - 4\frac{2}{3} - 6$
- C $10 - 2\frac{3}{4} - 2\frac{1}{2} - 4\frac{2}{3} + 6$
- D $2\frac{3}{4} - 2\frac{1}{2} - 4\frac{2}{3} + 10 - 6$

2. Greenwood's sixth grade basketball team made twelve 2-point shots and three 3-point shots in a game Tuesday night. What is the ratio of 3-point shots made to 2-point shots made that night?

- F 1 to 4
- G 2 to 3
- H 3 to 2
- J 4 to 1

3. Circle T is graphed below. What is the radius and diameter of Circle T ?

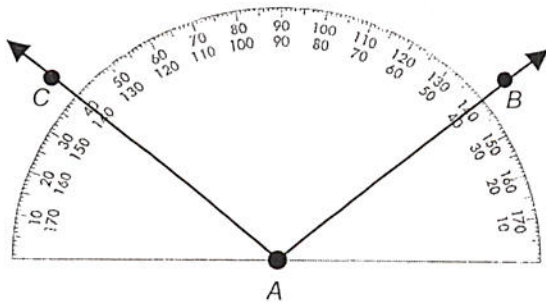


- A Radius: 4
Diameter: 2
- B Radius: 2
Diameter: 6
- C Radius: 2
Diameter: 4
- D Radius: 2
Diameter: 12

TEKS/TAKS SPIRALED PRACTICE 14

Grade 6

1. Find the measure of $\angle CAB$ to the nearest degree.

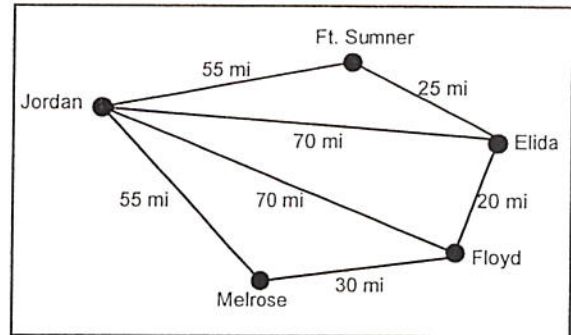


- A 40°
- B 80°
- C 100°
- D 125°

2. Mary has three books to arrange on a shelf. She has a math book, history book and a science book. Which of the following shows all the possible combinations for her to arrange the books?

- F History/Math/Science; History/Science/Math
- G History/Math/Science; History/Science/Math; Math / History /Science; Math/Science/History
- H History/Math/Science; History/Science/Math; Math/History/Science; Math/Science/History Science/Math/History; Science / History /Math
- J History/Math/Science; History/Science/Math; Science/Math/History; Science/History /Math

3. Mr. Barrera is a deliveryman for a local office supply store in Jordan. Each week he travels the same route. On Monday and Thursday he delivers to Ft. Sumner and Elida, on Tuesday and Friday he delivers to Floyd and Melrose, on Wednesday he delivers in Jordan where he lives. What is the least amount of highway miles he drives in one week if he uses the map shown below?



- A 305 miles
- B 330 miles
- C 610 miles
- D 660 miles

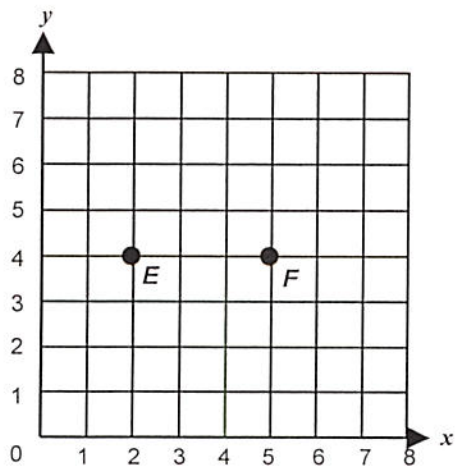
TEKS/TAKS SPIRALED PRACTICE 15

Grade 6

1. Mrs. Dano drove 605 miles on a vacation. If she averaged 55 miles per hour, how many hours did she drive?

- A 10 h
- B 11 h
- C 13 h
- D 18 h

2.



Which of the following coordinates for point *D* will form an isosceles right triangle *DEF* with *E* being the vertex of the right angle?

- F (5, 7)
- G (2, 6)
- H (5, 1)
- J (2, 1)

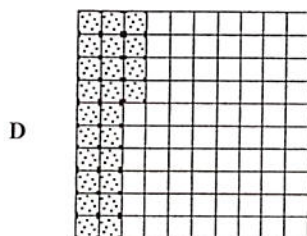
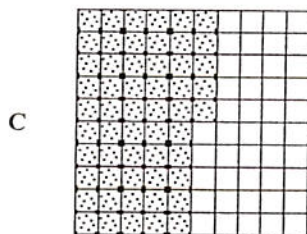
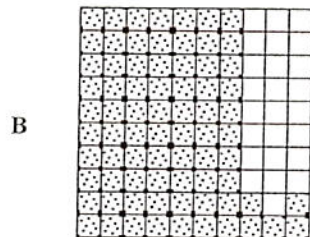
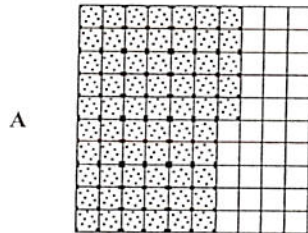
3. A bag of gumballs has 20 red, 10 white, 14 blue and 16 green gumballs. If you choose one at random, what is the probability that the gumball will be white?

- A $\frac{1}{14}$
- B $\frac{1}{10}$
- C $\frac{1}{6}$
- D $\frac{1}{4}$

TEKS/TAKS SPIRALED PRACTICE 16

Grade 6

1. Mary made 75% on her math test. Which model has shading representing 75%?



2. Louisa wants to purchase some expensive trim for a picture frame. The price is given as \$1 per inch. She only needs to buy 9 inches of the trim. How many feet of trim will she buy?

- F 1 foot
- G 0.75 foot
- H 0.5 foot
- J 0.25 foot

3. At Beads 'r' Fun, someone mixed together 4 types of beads in a box. The manager needs an accurate calculation of the value of the beads in the box for inventory.

Look at the problem-solving steps shown below. Arrange the steps in a correct order so that Jane can get the calculation required by the store.

Step M: Multiply the number of each type of bead by the value of that bead

Step N: Separate the beads into groups of the same type of bead

Step O: Count and label each group of beads

Step P: Find the sum of each value of the groups

Which list shows the steps in the correct order?

- A M, N, O, P
- B N, M, O, P
- C O, M, N, P
- D N, O, M, P