

Answer Key for Summer Review Calendars 7th grade:

June Activities

Activity 1: Sum of the area of each face expressed in square units

Activity 2: 12 desserts

Activity 3: 156, 95, $x + 16$

Activity 4: pages 42 & 43

Activity 5: Data list of 25 products and calculations for mean, median, and mode using that list.

Activity 6: A liter bottle is larger by 0.053647 liters or by 0.06559 quarts.

Activity 7: Answers on website

Activity 8: <----|---x-|----|--x-|----|xx-|---->
 1 2 3 4 5 6

Activity 9: About 70 miles, 1 hour 20 minutes

Activity 10: 72 degrees, acute isosceles.

Activity 11: 4 hours

Activity 12: 30%

Activity 13: 20 inches long, 25 inches long

Activity 14: 9.25 miles

Activity 15: 3778 seats

Activity 16: Yes, they can all be simplified to $4m+8$.

Activity 17: \$86.25

Activity 18: Example: 1 $\frac{1}{8}$ flour, $\frac{3}{4}$ sugar, $\frac{1}{2}$ cup butter, 1 egg, $\frac{1}{2}$ tsp vanilla, $\frac{1}{2}$ tsp salt

Activity 19: Doing jumping jacks ; 12.5 jumping jacks per minute versus 12 sit ups per minute

Activity 20: Work to include the ratio of the area of the closet to the area of the room multiplied by 100.

Activity 21: A collage of spheres, pyramids, cones, and prisms are provided.

Activity 22: No work required for this day.

Activity 23: 7:50 AM

Activity 24: To get you started look at the across clues; 1. OBESSE, 3. LEGIBLE, 5. L . , 7. OLE, 9. IS , 11.
 LEG 13. SIZZLE, 15. HI

Activity 25: Various responses demonstrating order of operations.

Activity 26: 16.5 square inches

Activity 27: Various expressions totaling 54 are provided with a written description of recognized pattern.

Activity 28: Answers on website

Answer Key for Summer Review Calendars 7th grade:

July Activities:

Activity 1: 10^2 , 7^2 , 13^2 , 6^2 , 2^3 , 2^5

Activity 2: Work includes the percentage of games won + percentage of games lost equaling 100%

Activity 3: $3x + 1$, three multiplied by the input value plus one will produce the output value

Activity 4: If 128 ounces = 1 gallon and 32 ounces = 1 quart then Frank needs 48 ounces more.

Activity 5: 48 square cm, 34.4 cm

Activity 6: 40 days

Activity 7: 18.25 inches

Activity 8: \$7.95

Activity 10: $\frac{29}{24}$ or $1\frac{5}{24}$, $\frac{45}{28}$ or $1\frac{17}{28}$

Activity 11: 191.105

Activity 12: 931 km

Activity 13: $\frac{7}{3}$ or $2\frac{1}{3}$

Activity 14: 50 eyes, 78 legs

Activity 15: 7 Buses with 30 empty seats

Activity 16: 2300, 66000, 7.34, 2.389

Activity 17: \$20.25

Activity 18: Quadrilateral, opposite sides are parallel, opposite angles are congruent.

Activity 19: 11 hours

Activity 20: 60 minutes = 3600 seconds = 1 hour, 1440 minutes = 86400 seconds = 1 day

Activity 21: The highest temp. is the maximum, the lowest temp. is the minimum. The range is the difference between the maximum and the minimum. The mean is the average temp. for the 7 days. The mode is the most frequently occurring temp.

Activity 22: 20 posts

Activity 23: 14 students

Activity 24: $\frac{63}{2}$ or 31.5

Activity 25: \$11.03 in change without tax, \$8.69 in change with tax

Activity 26: Provided by website.

Activity 27: 8

Activity 28: 20, 300

