

Grade 5 Trimester exam  
(gathered from last years' exams)

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choose the correct answer:

1)  $0.4\text{ m} = \dots\dots\dots\text{ cm}$

- a)  $0.04\text{ cm}$       b)  $4\text{ cm}$       ☒ c)  $40\text{ cm}$       d)  $400\text{ cm}$

X 2) which container is best to hold 6 shares of juice. Capacity of each container

- a)  $1\text{ l}$       b)  $1.5\text{ l}$       c)  $2\text{ l}$       d)  $3\text{ l}$

3) capacity of liquid is 1.45 litre. What is the capacity of the liquid in ml

- a)  $14.5\text{ ml}$       b)  $145\text{ ml}$       ☒ c)  $1450\text{ ml}$       d)  $14500\text{ ml}$

4) which mass is the greatest

- a)  $0.3\text{ kg}$       b)  $0.03\text{ kg}$       c)  $3\text{ g}$       ☒ d)  $3000\text{ g}$

5) Khaled used the ruler to measure the length of an eraser. What is the length of the eraser:

- a)  $20\text{ mm}$       b)  $25\text{ mm}$       ☒ c)  $28\text{ mm}$       d)  $30\text{ mm}$



6) the height of Jees mountain in Ras Al-Khaimah is 1900 m. what is the height of the mountain in km

- a)  $0.19\text{ km}$       ☒ b)  $1.9\text{ km}$       c)  $19\text{ km}$       d)  $190\text{ km}$

7) what is the weight of the fruit basket in grams?

- a)  $3.5\text{ g}$       b)  $35\text{ g}$       c)  $350\text{ g}$       ☒ d)  $3500\text{ g}$



8) which operation is needed to change grams to kilograms?

- a) Adding      b) Subtracting      c) Multiplying      ☒ d) Dividing

9) which of the following is the best estimation of a horse height?

- a)  $70\text{ mm}$       ☒ b)  $170\text{ cm}$       c)  $170\text{ m}$       d)  $7\text{ km}$

10) which of the following shapes is a polygon?



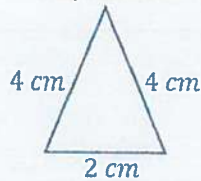
11) A circle with 20 cm diameter. Find the radius of the circle.

- a) 2 cm      b) 5 cm      ☒ c) 10 cm      d) 15 cm

12) what is the quadrilateral that has all of the rectangle attributes?

- a) rhombus      ☒ b) Square      c) Parallelogram      d) Trapezoid

13) what is the type of the triangle below?



- a) Obtuse Triangle      b) Scalene Triangle  
☒ c) Isosceles Triangle      d) Equilateral Triangle

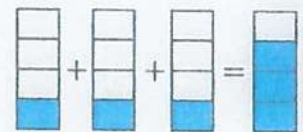
14) estimate the product of  $3\frac{1}{4} \times 6\frac{6}{7}$

- a) 10      b) 18      ☒ c) 21      d) 24

15) which quadrilateral that does not belong to the other three shapes.



16) what is the operation that is represented in the model?



- ☒ a)  $\frac{1}{4} \times 3$       b)  $\frac{1}{3} \times 4$       c)  $\frac{1}{4} + 3$       d)  $\frac{1}{3} + 3$

17) tennis ball weights 50000 milligrams. What is the weight of the ball in grams?

- a) 5000 grams      b) 500 grams      ☒ c) 50 grams      d) 5 grams

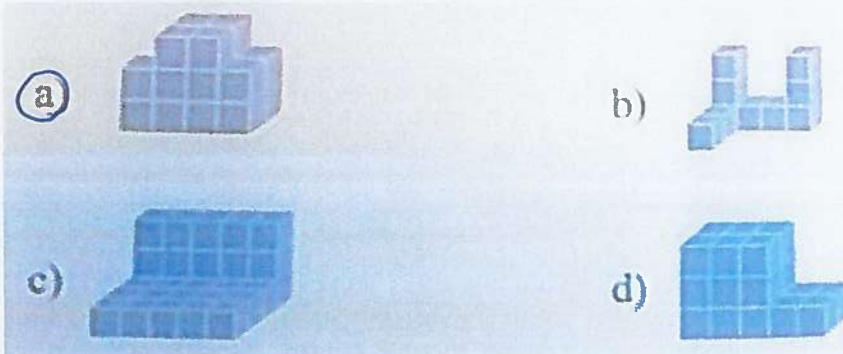
18) when we multiply 6 by a number greater than 1 the answer will be

- ☒ a) Less than 6      b) Greater than 6      c) Equal 6      d) Half of 6

19) quotient of  $\frac{1}{2} \div 3$  is

- a)  $\frac{1}{5}$       ☒ b)  $\frac{1}{6}$       c)  $\frac{2}{3}$       d)  $\frac{3}{2}$

20) which shape has a volume of 20 cubes



21) Layla used a quadrilateral in her art design, but this quadrilateral does not have any congruent sides and it has only one pair of opposite parallel sides. What is the name of the quadrilateral that Layla used?

- a) rhombus      b) Square      c) Parallelogram      ☒ d) Trapezoid

23) find the value of  $6 - m + 3 + n$ , if  $m = 1$  and  $n = 4$ .

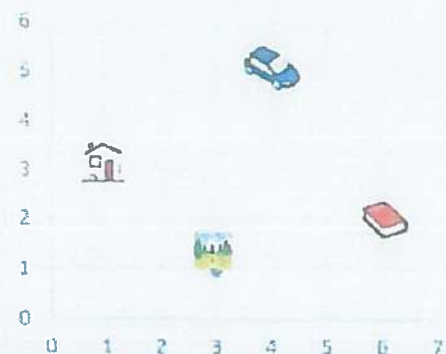
- ☒ a) 12      b) 6      c) 10      d) 14

24) which of the following is the next three numbers in the pattern 6, 12, 18, 24, ...

- a) 35, 42, 49      b) 30, 40, 50      ☒ c) 30, 36, 42      d) 45, 54, 63

25) what is on the coordinate (6, 2)

- a) car      b) house  
c) garden      ☒ d) book





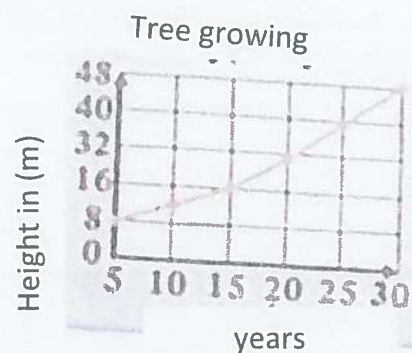
26) using the line graph, how old was the tree when its height 32 m?

a) 20

b) 15

c) 10

d) 25



27) using the dot plot. Find the median of the summer camp duration in days.

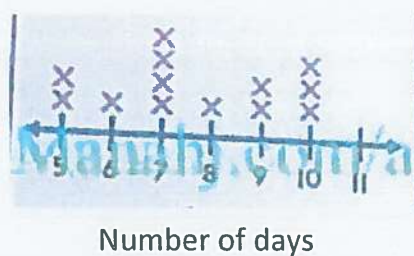
summer camp duration in days

a) 10

b) 7

c) 8

d) 9



27) using the stem and leaf plot. Find the range of team players ages

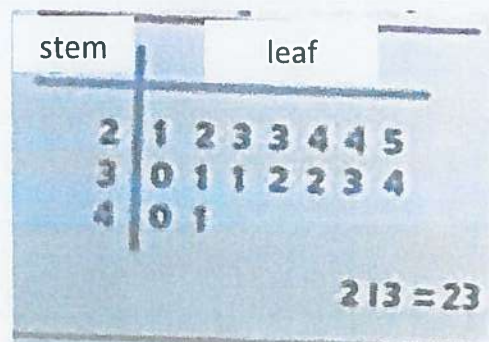
Ages of players

a) 21

b) 34

c) 20

d) 30



28) Hind spend  $1\frac{1}{4}$  hours to prepare for school. If  $\frac{1}{5}$  of the time is for eating breakfast. How long does she spend eating her breakfast?

a)  $\frac{1}{4}$

b)  $\frac{1}{20}$

c)  $1\frac{9}{20}$

d)  $\frac{9}{20}$

29) find the least Common Multiple for the set of numbers 3,5,6 .

a) 12

b) 30

c) 36

d) 18

30) looking at the frequency table. how many students were surveyed?

- a) 12                      b) 17  
c) 9                        d) 30

Favorite After School Activities		
Activity	Tally	Frequency
Playing a sport		5
Reading		4
Watching TV		3

31) write the fraction  $\frac{9}{20}$  as a decimal.

- a) 0.25            b) 0.35            c) 0.55            **d) 0.45**

32) find the mean of the numbers 3, 5, 7

- a) 5**            b) 8            c) 7            d) 6

33) which triangle is right triangle?



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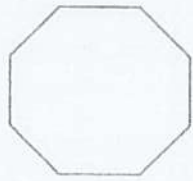
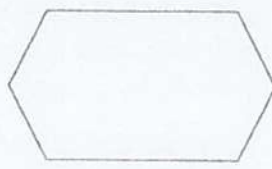
34) match the concept with the correct definition

- Trapezoid ☐ Parallelogram that has all sides are congruent
- Rhombus ☐ Parallelogram that has all sides are congruent and four right angles
- Square ☐ Quadrilateral that has one opposite parallel pair

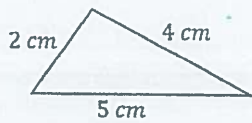
35) find  $2\frac{1}{9} + 4\frac{1}{3}$

$$2\frac{1}{9} + 4\frac{3}{9} = 6\frac{4}{9}$$

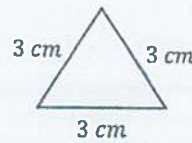
36) name the polygon and define if it is regular or not regular

	
Octagon	Hexagon
Regular	Not Regular
Not Regular	Regular
Not Regular	Not Regular

37) classify triangles based on its sides



Isosceles

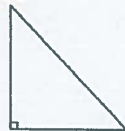


equilateral

38) classify triangles based on its angles



obtuse triangle



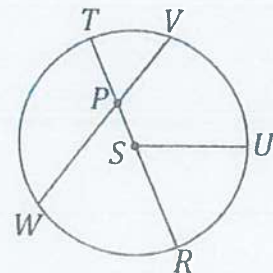
Right triangle

39) for the circle find the diameter, radius, and the chord.

Radius SU, ST or SR

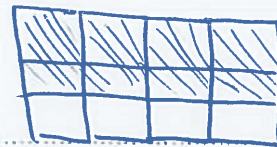
Diameter TR

Chord TR Or WV



40) find  $\frac{2}{3}$  of 12 using model

$$\frac{2}{3} \text{ of } 12 = 8$$



41) multiply. Write in the simplest form.

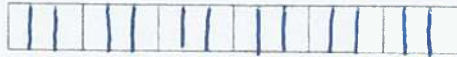
$$35 \times \frac{5}{7} = \frac{35 \times 5}{7} = \frac{175}{7} = 25$$

$$1\frac{1}{5} \times \frac{1}{4} = \frac{6}{5} \times \frac{1}{4} = \frac{6 \times 1}{5 \times 4} = \frac{6}{20} \stackrel{\div 2}{=} \frac{3}{10}$$



42) find the quotient using the model

$$6 \div \frac{1}{3} = 18$$

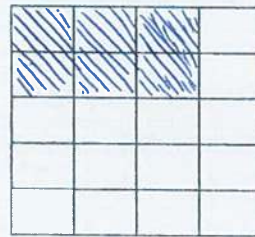


43) Sultan has AED 36. He spent  $\frac{3}{4}$  of the money in donating for Ramadan's Iftar meals. How much did he spend?

$$36 \times \frac{3}{4} = \frac{36 \times 3}{4} = 27 \text{ AED}$$

44) shade to find the product:

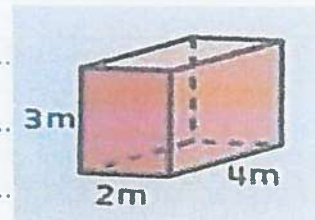
$$\frac{2}{5} \times \frac{3}{4} = \frac{6}{20}$$



45) Find the volume of each prism

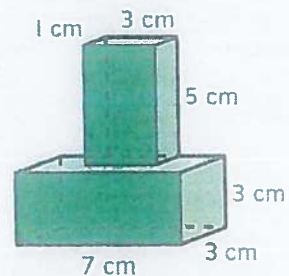
a)

$$\begin{aligned} V &= l \times w \times h \\ V &= 4 \times 2 \times 3 \\ V &= 24 \text{ m}^3 \end{aligned}$$



b)

$$\begin{aligned} V &= l \times w \times h & V &= l \times w \times h \\ &= 1 \times 3 \times 5 & &= 7 \times 3 \times 3 \\ &= 15 \text{ cm}^3 & &= 63 \text{ cm}^3 \\ V &= 15 + 63 = 78 \text{ cm}^3 \end{aligned}$$



46) evaluate  $[5 - (8 \div 2)] + 3^2$

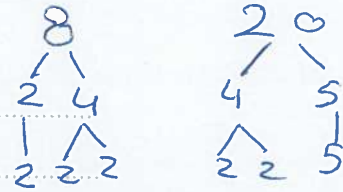
$$= [5 - (4)] + 9$$

$$= 1 + 9 = 10$$

47) find the greatest common factor of 8, 20

$$8 = 2 \times 2 \times 2 \quad | \quad \text{GCF} = 2 \times 2$$

$$20 = 2 \times 2 \times 5 \quad | \quad = 4$$



48) Khaled wants to buy 4 balls for his friends, estimate the total cost?

a) 20 AED

b) 30AED

☒ c) 40AED

d) 60.



49) find the product  $0.367 \times 10^3$

50) find

$$\begin{array}{r} 058 \\ 3 \overline{) 174} \\ \underline{-15} \phantom{0} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

$$17.4 \div 0.3 = 58$$

$$174 \div 3$$

51) find

$$\begin{array}{r} 2.31 \\ \times 0.6 \\ \hline 1.386 \end{array}$$

$$2.31 \times 0.6 = 1.386$$

52) quotient of  $8.62 \div 10$  is

a) 862

b) 8.062

c) 86.2

☒ d) 0.862

what the multiplication property used  $3 \times (2.7 \times 9) = (3 \times 2.7) \times 9$

☒ a) Associative Property

b) Commutative Property

c) Identity Property