 GÖKKUŞAĞI ORTAOKULU

#### 2019-2020 ACADEMIC YEAR

ENGLISH MATHEMATICS SUBJECT

7th Grade 1st Term 2nd EXAMINATION PAPER

Date : 03/01/2020

**Time : 40 min**

**Name:**

**Surname: Mark in figures:**

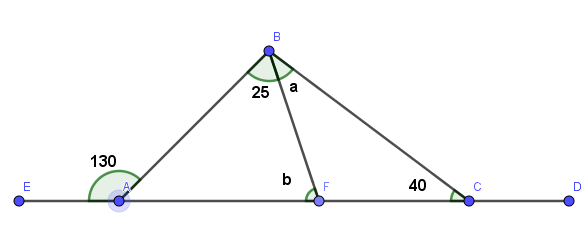
**No: Mark in words :**

**Examiner’s signature:**

**MARK SCHEME**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
| Total Marks | 5 | 10 | 8 | 8 | 16 | 16 | 3 | 14 | 6 | 14 |
| Pupil's Mark |  |  |  |  |  |  |  |  |  |  |

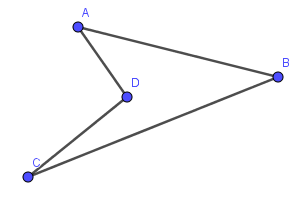
**This is an example scheme. Design it in accordance with the decisions taken at the meeting.**



1. **(5p)**

**Calculate a + b.**

1. **(10p)**



**Show that the sum of the all interior angles (iç açılar toplamı) of the quadrilateral is 360 degrees.**

**(Hint: You need to prove the sum of all interior angles of a triangle is 180 degrees first, then show the quadrilateral.)**

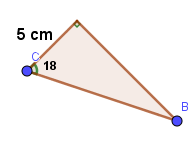
1. **Express the sentences below if they are experiment(E) –survey (S) or observation(O).(8p)**
2. **The number of times a coin lands “head” (tura) when it is dropped 150 times. \_\_\_\_\_**
3. **The number of people that go into supermarket in your street each hour. \_\_\_\_\_**
4. **The number of teachers who wants to work in a private school in Bahçelievler. \_\_\_\_**

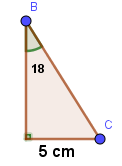
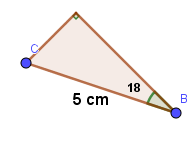
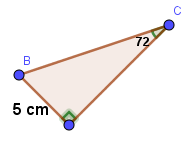
**If there are 550 teachers in Bahçelievler, what should the sample be for the research?**

1. **The number of people who run at the park in your neighborhood each hour. \_\_\_\_\_**
2. **Write down whether each type discrete (D) or continuous (C). (8p)**
3. **The number of apples on a tree \_\_\_\_**
4. **The size of shoes \_\_\_\_**
5. **The mass of a baby \_\_\_\_**
6. **The number of desks in a classroom \_\_\_\_**
7. **(16p) Fill in the blanks in the table.**

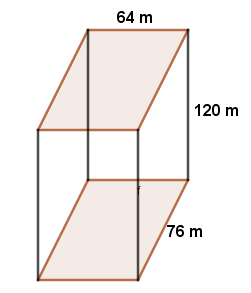
|  |  |  |
| --- | --- | --- |
| **Fraction** | **Decimal** | **Percentage** |
|  |  |  |
|  |  | **55%** |
|  | **0.8** |  |
|  |  |  |

1. **Do operations with fractions below. (16p)**
2. **of 48 =**
3. **+ =**
4. **÷ 1 =**
5. **5 - 2 =**

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1. **Which shape is congruent (same) to the shape on the right? (3p)**
2. **  B) C)**
3. **(14p)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Shape** | **Scalene (çeşitkenar)**  **Triangle** | **Rectangle** | **Hexagon**  **(düzgün**  **altıgen)** | **Kite** | **Parallel-ogram** | **Isosceles Triangle** | **Flag** |
| **Number of line symmetry** |  |  |  |  |  |  |  |
| **Number of rotational symmetry** |  |  |  |  |  |  |  |

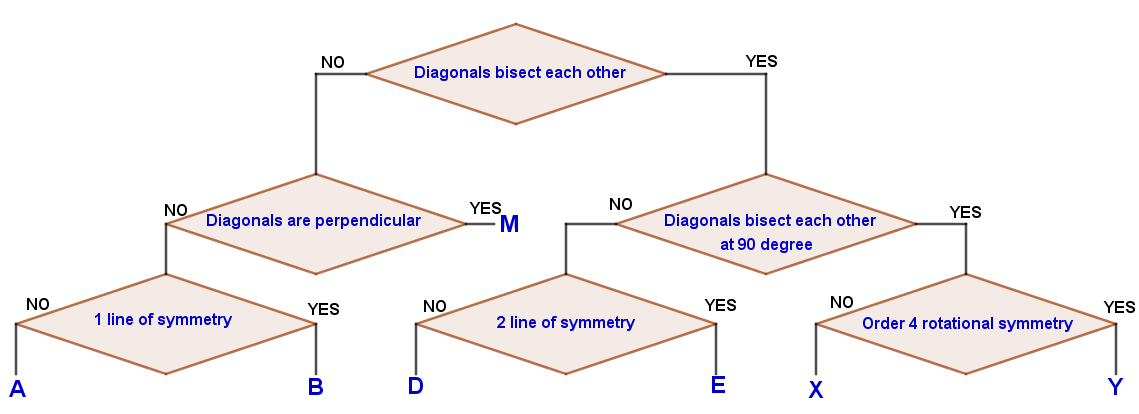
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1. **This is our school with the lengths in real life.**

**(6p)**

1. **Draw the net (open form) of this cuboid. And make a scale drawing with the scale 1 cm represents 4 meters.**
2. **Write down number of edges, vertices and faces of it.**
3. **Use the special quadrilaterals (Square- Rhombus- Kite- Parallelogram - Trapezium –**

**Isosceles Trapezium- Rectangle) and fill in the blanks. (14p)**

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**A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ M=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Y=\_\_\_\_\_\_\_\_\_\_\_\_\_**

**B=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ X= \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Good Luck ☺***

***Şüheda Aydoğan***

***Cambridge Mathematics Teacher***