EASE 3 Remedial Exam

1. Sasa wants to know if girls are better than boys at texting quickly in School. The total students in her school is 360.

Decide how big the sample size will be!

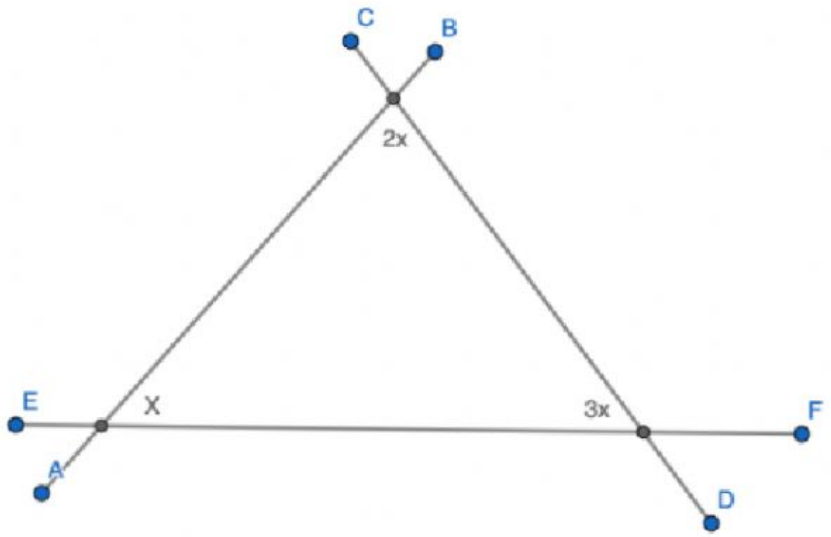
A) 360

B) 100

C) 36

D) 18

2. **Find the value of x!**



A) 90

B) 60

C) 30

D) 120

LIVEWORKSHEETS

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3. Evaluate $\frac{13}{20} - \frac{3}{8}$.

A) $\frac{11}{40}$

B) $\frac{11}{20}$

C) $\frac{10}{12}$

D) $\frac{11}{12}$

4. Without using a calculator, **evaluate** $\sqrt[3]{155}$.

A) 10.45

B) 11.45

C) 12.45

D) 13.45

5. Write this expression in a single number $7^2 + 7^1 + 7^0 + 7^2$.

A) 105

B) 35

C) 106

D) 28

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6. A pattern is described in the following way:

To get the next term, triple the previous term then add 2.

If the 1st term is **5**, what will be the **3rd term**?

A) 12

B) 17

C) 29

D) 53

7. Round the number 13.8736 to 2 decimal places (**2 d.p.**)

A) 13.89

B) 13.88

C) 13.87

D) 13.874

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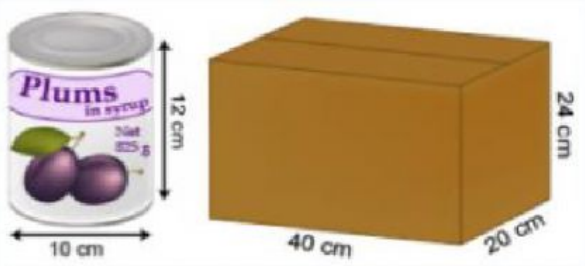
8. Cans of plums are packed into cardboard boxes for shipping.



How many cans will fit in each box?

Hint: Sketch the cans in the diagram of the box.

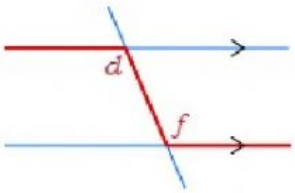
A) 14

B) 15

C) 16

D) 17

9. In the figure below, the arms of angles d and f form a Z shape.



The angles d and f are ____.

A) Supplementary angles

B) Co-interior angles

C) Alternate angles

D) Corresponding angles

10. Magda cycled **20 km** in **1 ½ hours**. She cycled another **25 km** in **45 minutes**.

What was her **average speed** for the whole journey? _____**km/h.**

LIVEWORKSHEETS