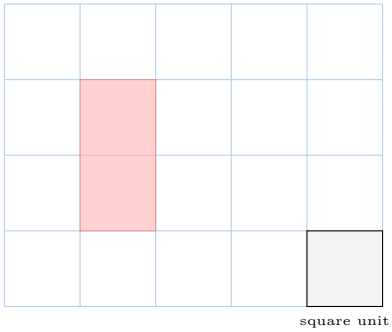
AREA

A DEFINITION

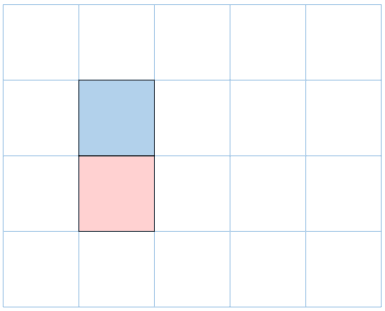
A.1 FINDING AREA OF A SHAPE

Ex 1: What is the area of the red figure?



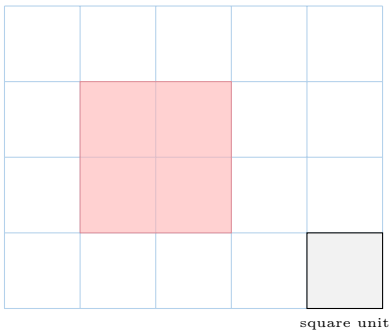
$\boxed{2}$ square units

Answer: To find the area, we count the number of unit squares inside the shape.



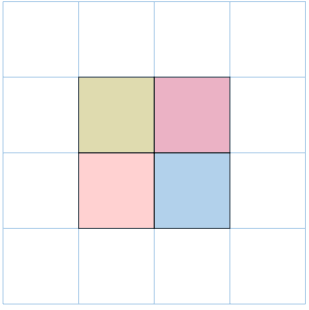
The area is 2 square units.

Ex 2: What is the area of the red figure?



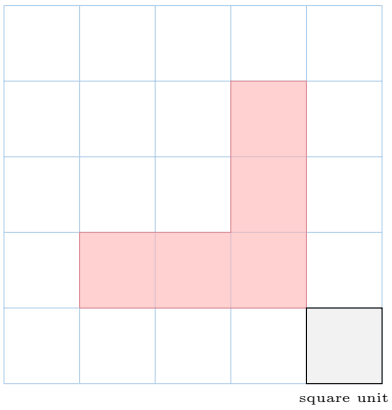
$\boxed{4}$ square units

Answer: To find the area, we count the number of unit squares inside the shape.



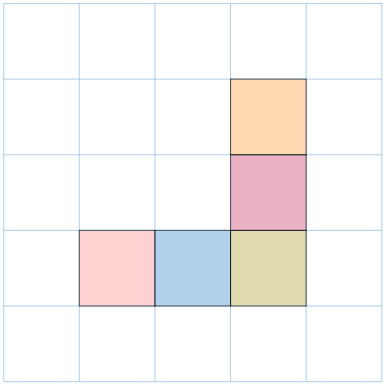
The area is 4 square units.

Ex 3: What is the area of the red figure?



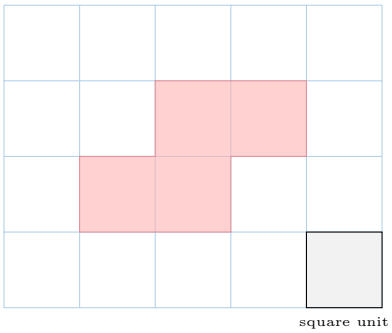
$\boxed{5}$ square units

Answer: To find the area, we count the number of unit squares inside the shape.



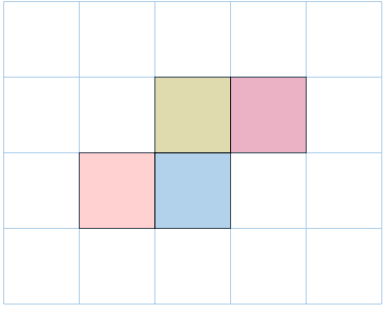
The area is 5 square units.

Ex 4: What is the area of the red figure?



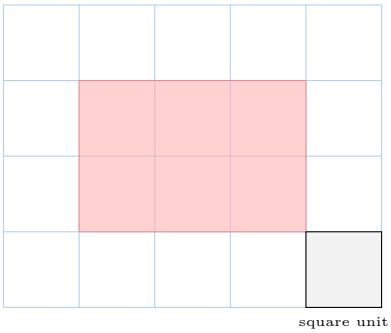
$\boxed{4}$ square units

Answer: To find the area, we count the number of unit squares inside the shape.



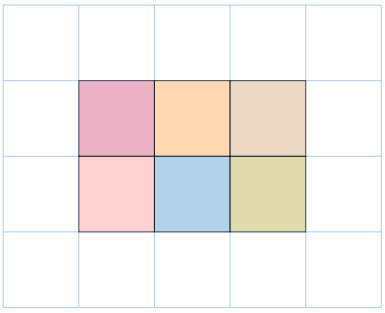
The area is 4 square units.

Ex 5: What is the area of the red figure?



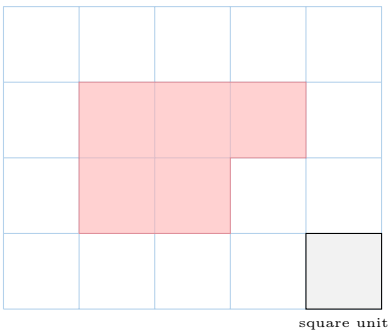
6 square units

Answer: To find the area, we count the number of unit squares inside the shape.



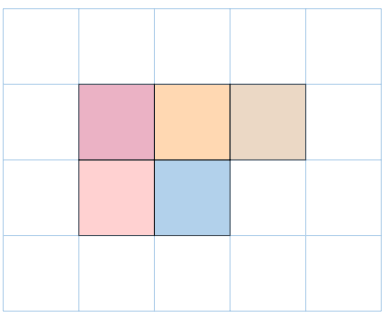
The area is 6 square units.

Ex 6: What is the area of the red figure?



5 square units

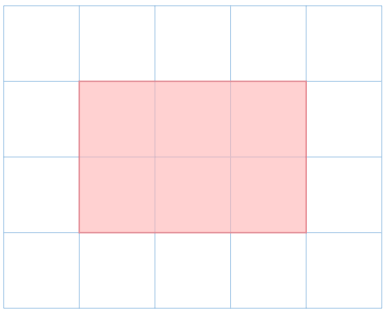
Answer: To find the area, we count the number of unit squares inside the shape.



The area is 5 square units.

A.2 BUILDING FORMULAS

MCQ 7: What is the area of the red rectangle?



Choose the 4 correct answers:

☒ $2+2+2$

☒ $3+3$

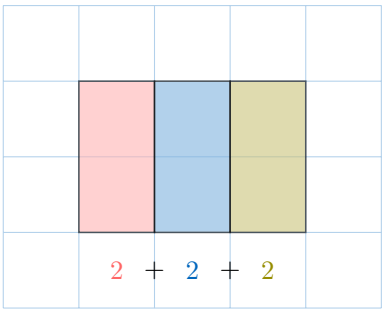
☐ $3+2+3+2$

☒ 2×3

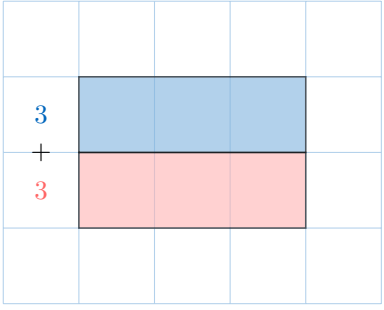
☒ 3×2

Answer:

- We can count the squares like that:

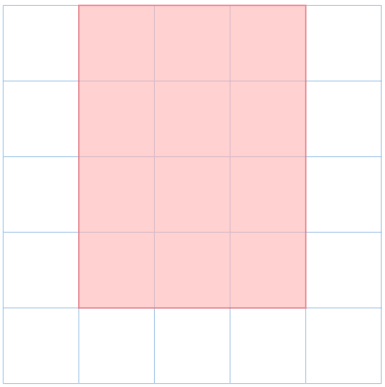


- $2+2+2=3\times 2$.
- We can also count like that



- $3+3=2\times 3$.

MCQ 8: What is the area of the red rectangle?

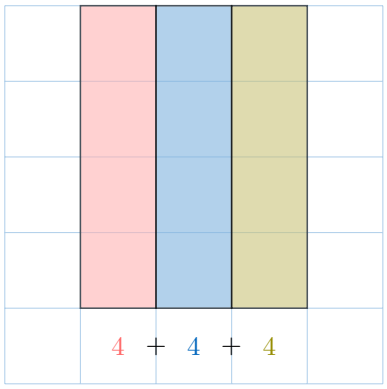


Choose 4 correct answers:

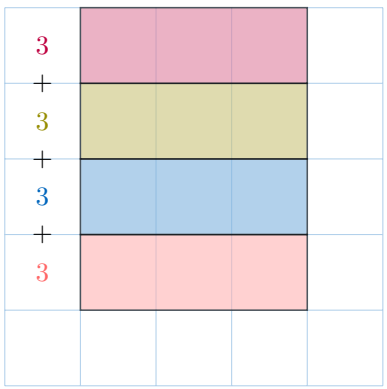
- ☐ $3+4+3+4$
- ☒ $4+4+4$
- ☒ $3+3+3+3$
- ☒ 4×3
- ☒ 3×4

Answer:

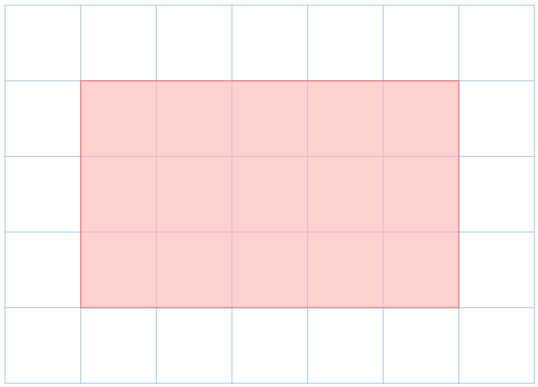
- We can count the squares like that:



- $4+4+4=3\times 4$.
- We can also count like that:



- $3+3+3+3=4\times 3$.

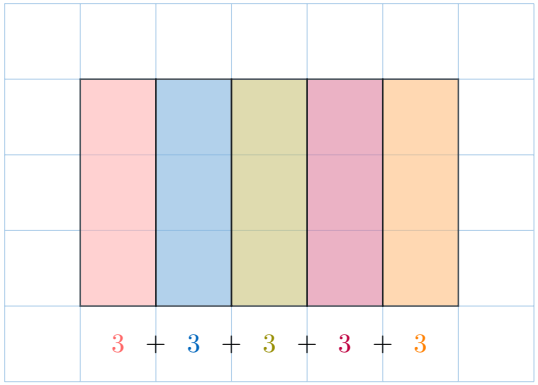


Choose the 4 correct answers:

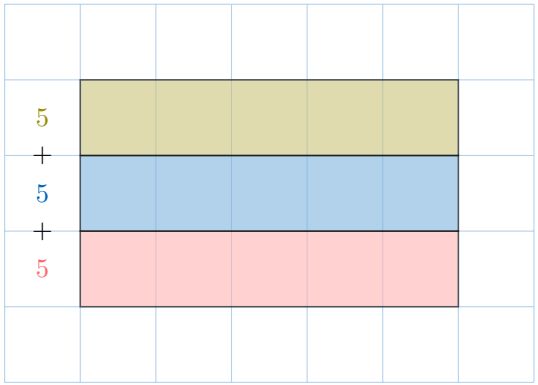
- ☒ $3+3+3+3+3$
- ☒ $5+5+5$
- ☐ $5+3+5+3$
- ☒ 3×5
- ☒ 5×3

Answer:

- We can count the squares like that:



- $3+3+3+3+3=5\times 3$.
- We can also count like that:



- $5+5+5=3\times 5$.

MCQ 9: What is the area of the red rectangle?