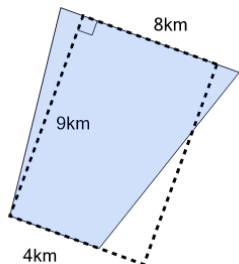


## Area of a Trapezoid - Equivalent Rectangle Area

1

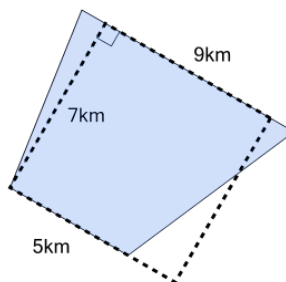


What is the area of the equivalent rectangle?

- |   |                 |   |                 |
|---|-----------------|---|-----------------|
| A | $32\text{km}^2$ | B | $77\text{km}^2$ |
| C | $54\text{km}^2$ | D | $60\text{km}^2$ |
| E | $36\text{km}^2$ |   |                 |

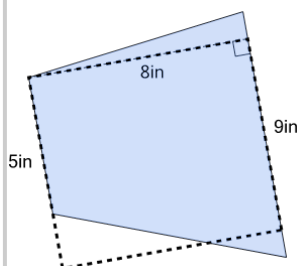
2

What is the area of the equivalent rectangle?



- |   |                 |   |                    |
|---|-----------------|---|--------------------|
| A | $49\text{km}^2$ | B | $175\text{km}^2$   |
| C | $45\text{km}^2$ | D | $162.5\text{km}^2$ |
| E | $35\text{km}^2$ |   |                    |

3

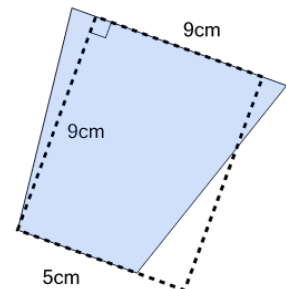


What is the area of the equivalent rectangle?

- |   |                  |   |                  |
|---|------------------|---|------------------|
| A | $56\text{in}^2$  | B | $72\text{in}^2$  |
| C | $80\text{in}^2$  | D | $185\text{in}^2$ |
| E | $200\text{in}^2$ |   |                  |

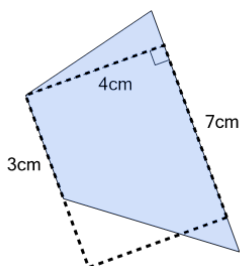
4

What is the area of the equivalent rectangle?



- |   |                 |   |                    |
|---|-----------------|---|--------------------|
| A | $63\text{cm}^2$ | B | $45\text{cm}^2$    |
| C | $81\text{cm}^2$ | D | $184.1\text{cm}^2$ |
|   |                 |   |                    |

5

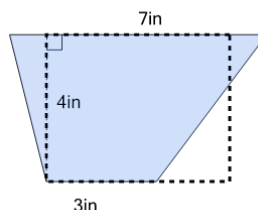


What is the area of the equivalent rectangle?

- |   |                 |   |                 |
|---|-----------------|---|-----------------|
| A | $40\text{cm}^2$ | B | $47\text{cm}^2$ |
| C | $28\text{cm}^2$ | D | $20\text{cm}^2$ |
| E | $21\text{cm}^2$ |   |                 |

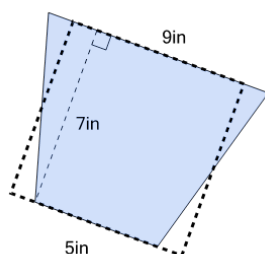
6

What is the area of the equivalent rectangle?



- |   |                   |   |                   |
|---|-------------------|---|-------------------|
| A | $20\text{in}^2$   | B | $21\text{in}^2$   |
| C | $38.2\text{in}^2$ | D | $46.7\text{in}^2$ |
| E | $12\text{in}^2$   |   |                   |

7

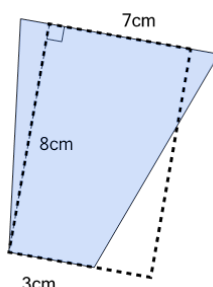


What is the area of the equivalent rectangle?

- |   |                  |   |                 |
|---|------------------|---|-----------------|
| A | $175\text{in}^2$ | B | $96\text{in}^2$ |
| C | $49\text{in}^2$  | D | $45\text{in}^2$ |
| E | $63\text{in}^2$  |   |                 |

8

What is the area of the equivalent rectangle?



- |   |                   |   |                 |
|---|-------------------|---|-----------------|
| A | $89\text{cm}^2$   | B | $21\text{cm}^2$ |
| C | $40\text{cm}^2$   | D | $56\text{cm}^2$ |
| E | $76.4\text{cm}^2$ |   |                 |