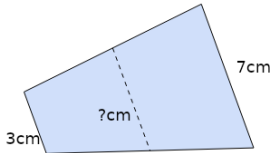


Calculate the area of trapezoids

1

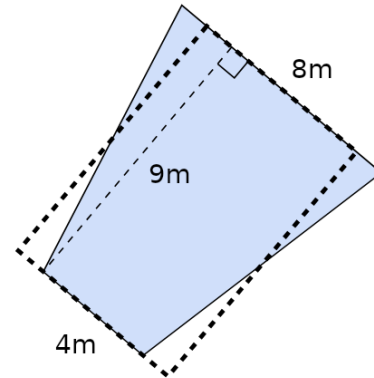
Find the average length of the trapezoid



- | | | | |
|---|-------|---|-----|
| A | 5cm | B | 3cm |
| C | 2.5cm | D | 2cm |

2

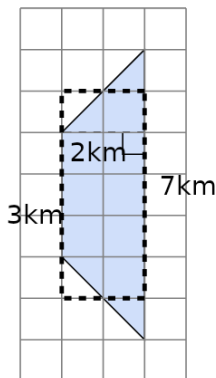
What is the area equation for the equivalent rectangle?



- | | |
|---|---------------|
| A | 6×12 |
| B | 6×9 |
| C | 6×6 |

3

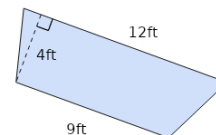
Find the area of the trapezoid by simplifying it to the average-length rectangle shown



- | | | | |
|---|-------------------|---|-----------------|
| A | 19.1km^2 | B | 21km^2 |
| C | 23.3km^2 | D | 26km^2 |
| E | 10km^2 | | |

4

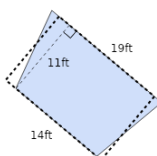
Find the area of the trapezoid by multiplying the height by the average length



- | | | | |
|---|------------------|---|------------------|
| A | 221ft^2 | B | 42ft^2 |
| C | 48ft^2 | D | 169ft^2 |

5

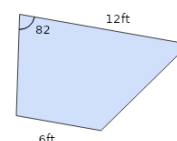
What is the area of the equivalent rectangle?



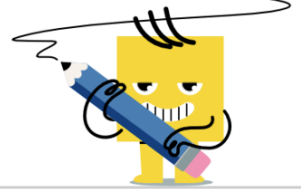
- | | | | |
|---|------------------|---|--------------------|
| A | 315ft^2 | B | 181.5ft^2 |
| C | 154ft^2 | D | 368ft^2 |

6

Find the area of the trapezoid by multiplying the height by the average length



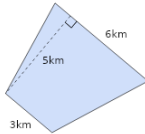
- | | | | |
|---|------------------|---|-----------------|
| A | 63ft^2 | B | 84ft^2 |
| C | 257ft^2 | D | 72ft^2 |



Calculate the area of trapezoids

7

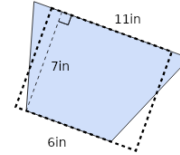
Find the area of the trapezoid by multiplying the height by the average length



- | | | | |
|---|-------------------|---|---------------------|
| A | 18km ² | B | 32km ² |
| C | 30km ² | D | 22.5km ² |

8

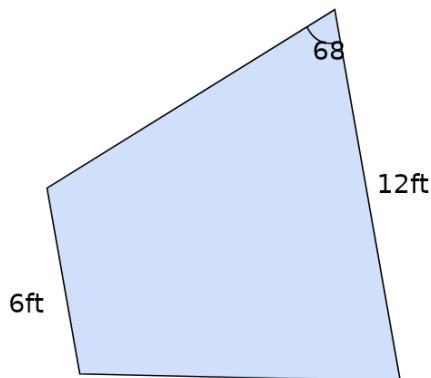
What is the area of the equivalent rectangle?



- | | | | |
|---|---------------------|---|--------------------|
| A | 59.5in ² | B | 66in ² |
| C | 77in ² | D | 210in ² |

9

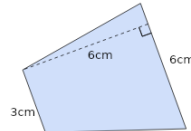
Find the area of the trapezoid by multiplying the height by the average length



- | | | | |
|---|--------------------|---|----------------------|
| A | 72ft ² | B | 365ft ² |
| C | 140ft ² | D | 327.3ft ² |
| E | 90ft ² | | |

10

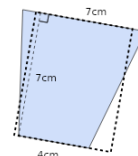
Find the area of the trapezoid by multiplying the height by the average length



- | | | | |
|---|-------------------|---|-------------------|
| A | 59cm ² | B | 18cm ² |
| C | 27cm ² | D | 60cm ² |

11

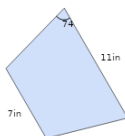
What is the area of the equivalent rectangle?



- | | | | |
|---|---------------------|---|---------------------|
| A | 89.1cm ² | B | 38.5cm ² |
| C | 50cm ² | D | 28cm ² |

12

Find the area of the trapezoid by multiplying the height by the average length



- | | | | |
|---|--------------------|---|----------------------|
| A | 77in ² | B | 63in ² |
| C | 117in ² | D | 299.4in ² |