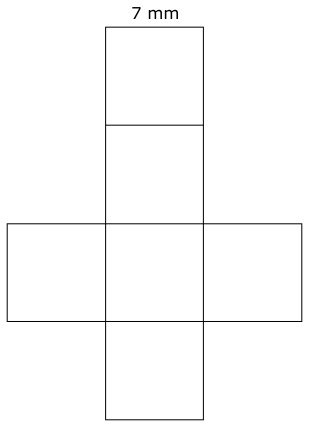
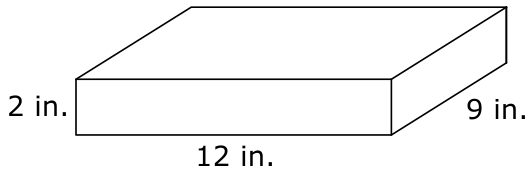
Surface Area Review

1. The net of a cube with a 7-mm side length is shown below.



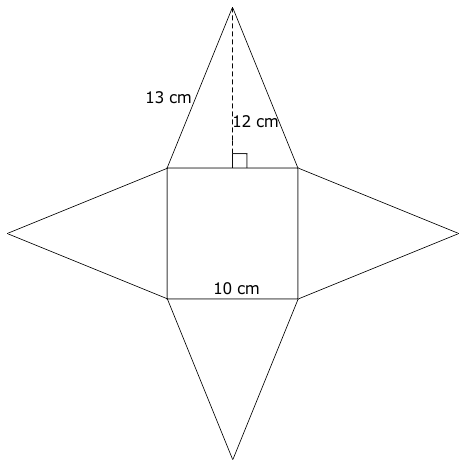
What is the surface area of the cube?

1. Sheila has a box shaped like a right rectangular prism. She wants to cover the entire box with paper.



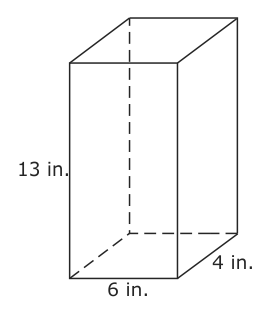
What is the area of space that will need to be covered?

1. The net of a square pyramid is shown below.

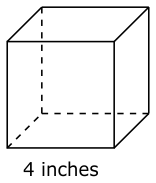


What is the surface area of the square pyramid?

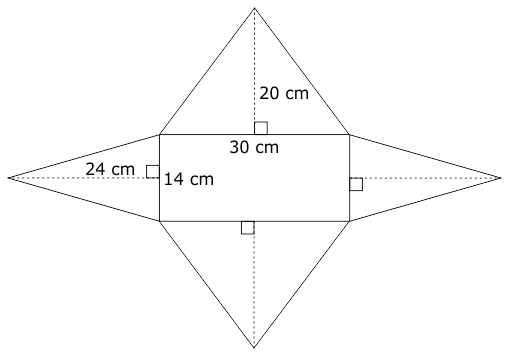
1. What is the surface area of the right rectangular prism below?



1. What is the surface area of the cube below?

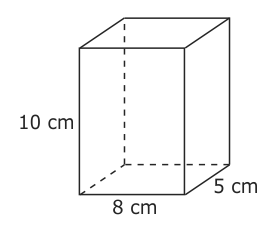


1. The net of a rectangular pyramid is shown below.



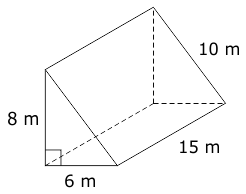
What is the surface area of the rectangular pyramid?

1. A rectangular prism is shown below.

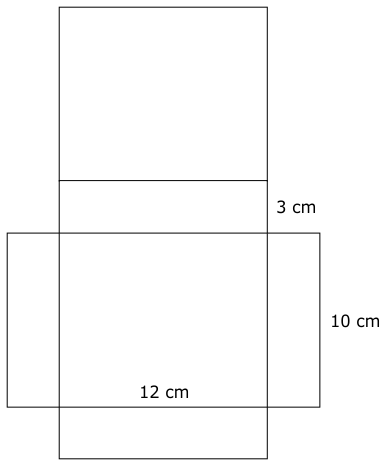


What is the surface area of the rectangular prism?

1. A triangular prism is shown below.

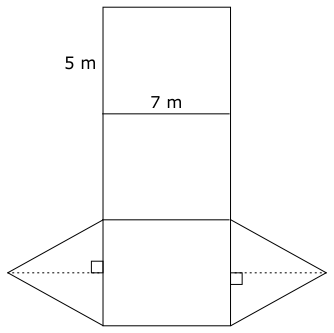
  
What is the surface area of the triangular prism?

1. The net of a rectangular prism is shown below.



What is the surface area of the rectangular prism?

1. The net of a triangular prism is shown below. The height of each equilateral triangle is approximately 4.3 m.



What is the ***approximate*** surface area of the triangular prism?

|  |  |
| --- | --- |
| **11.** | 28566The net of a triangular prism is shown below. The heights of the triangles are approximately 9.5 mm.  What is the ***approximate*** surface area of the triangular prism? |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  | | --- | --- | | **A.** | 500 mm2 | |
|  | |  |  | | --- | --- | | **B.** | 600 mm2 | |
|  | |  |  | | --- | --- | | **C.** | 705 mm2 | |
|  | |  |  | | --- | --- | | **D.** | 785 mm2 | |

|  |  |
| --- | --- |
|  |  |
| **12.** | 25875Sheila has a box shaped like a right rectangular prism. She wants to cover the entire box with paper. What is the area of space that will need to be covered? |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  | | --- | --- | | **A.** | 300 in.2 | |
|  | |  |  | | --- | --- | | **B.** | 216 in.2 | |
|  | |  |  | | --- | --- | | **C.** | 150 in.2 | |
|  | |  |  | | --- | --- | | **D.** | 126 in.2 | |

|  |  |
| --- | --- |
|  |  |
|  |  |
| **13.** | A triangular prism is shown below. What is the surface area of the triangular prism?  26789 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  | | --- | --- | | **A.** | 456 m2 | |
|  | |  |  | | --- | --- | | **B.** | 408 m2 | |
|  | |  |  | | --- | --- | | **C.** | 384 m2 | |
|  | |  |  | | --- | --- | | **D.** | 360 m2 | |

|  |  |
| --- | --- |
|  |  |
| **14.** | The net of a cube with side lengths of 4 in. What is the surface area of the cube? |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  | | --- | --- | | **A.** | 16 in.2 | |
|  | |  |  | | --- | --- | | **B.** | 24 in.2 | |
|  | |  |  | | --- | --- | | **C.** | 64 in.2 | |
|  | |  |  | | --- | --- | | **D.** | 96 in.2 | |

|  |  |
| --- | --- |
|  |  |
| **15.** | A rectangular prism is shown below.  28567  What is the surface area of the rectangular prism? |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  | | --- | --- | | **A.** | 260 cm2 | |
|  | |  |  | | --- | --- | | **B.** | 240 cm2 | |
|  | |  |  | | --- | --- | | **C.** | 220 cm2 | |
|  | |  |  | | --- | --- | | **D.** | 200 cm2 | |

|  |  |
| --- | --- |
|  |  |