Length (metric units)

William has three stacks of cards. The stack of white cards is 20 cm thick. The stack of black cardstocks is 24 cm thick. The stack of brown cardstocks is 12 cm thick.

1. Which stack of cards is the thinnest?

2. Compared to the white cards, how much thicker is the stack of black cards?

3. William needs to fit the cards onto a shelf that is 15 cm high. Which stack can fit on the shelf?

4. To better fit the cards, William separated the white cards into 2 stacks. If one stack is 8 cm thick, how thick is the other stack?

5. How thick will the stack be if he put all the cards into one big stack?

6. After William gives away some black cardstocks to his coworkers, the stack of black cards is 13 cm thick. How much (measure in thickness in cm) did he give away?
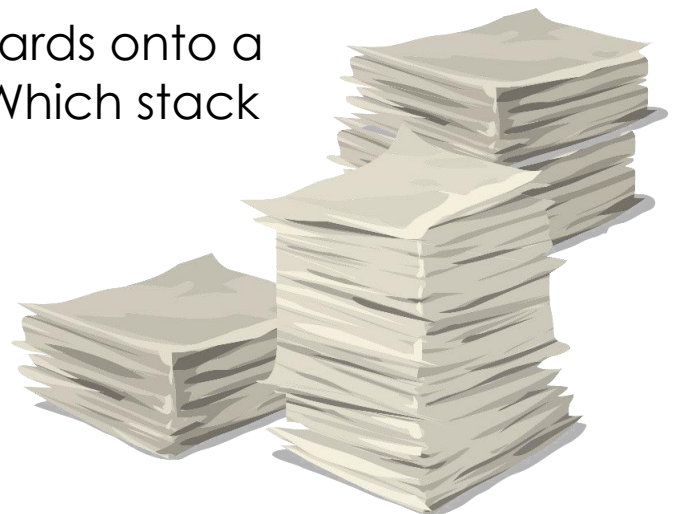
Answers

1. Brown cards

2. 24 – 20 = 4
   The stack of black cards is 4 cm thicker than the stack of white cardstocks.

3. Stack of brown cards.

4. 20 – 8 = 12
   The other stack is 12 cm thick.

5. 20 + 24 + 12 = 56
   The big stack will be 56 cm thick.

6. 24 – 13 = 11
   He gave away 11cm of the stack of black cards.