



Our Big Number Fact

By:

Justin, Brandon, Jessica, and Jackie

Copyright © 2010 Intel Corporation. All rights reserved. Adapted with permission. Intel, the Intel logo and the Intel Education Initiative are trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries.

*Other names and brands may be claimed as the property of others.

How Much Paper Is Used By Our School in 3 Years?

1,200,000

Or

One million, two hundred thousand

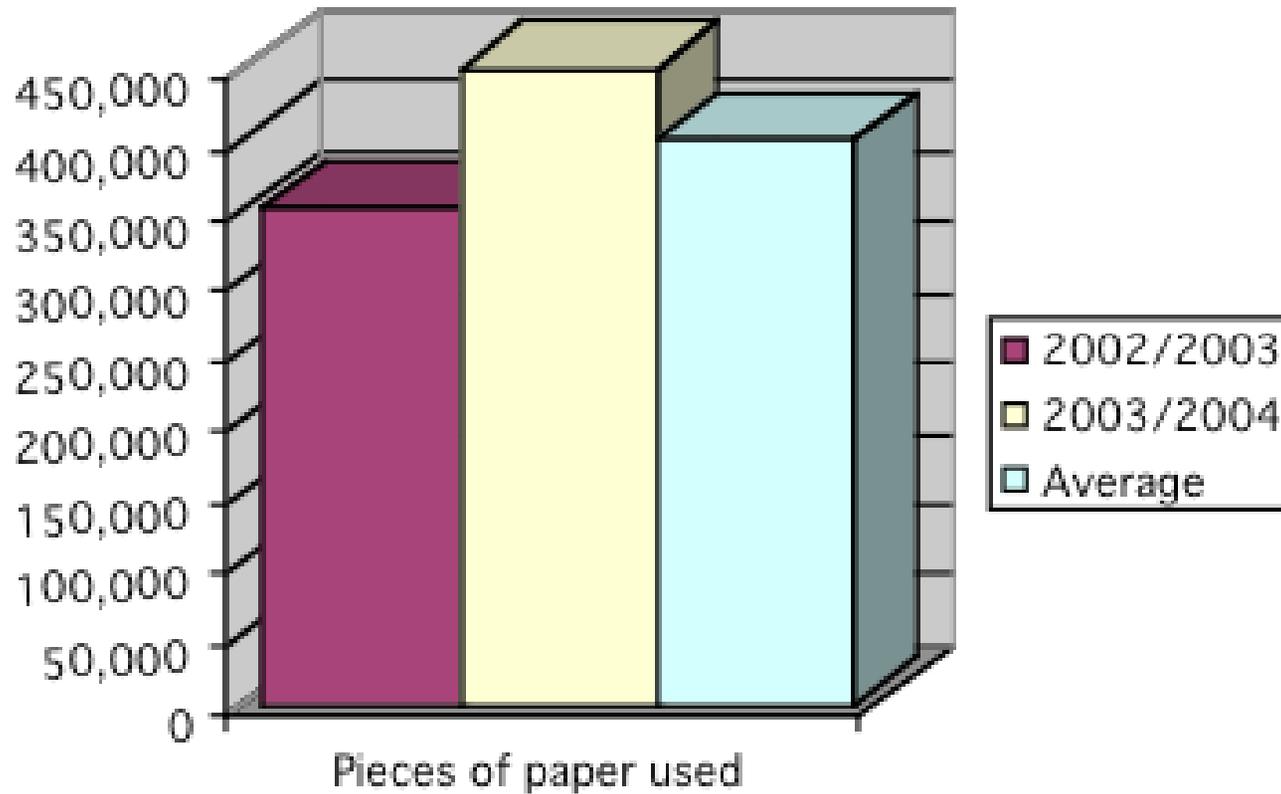
Or

$10^6 + (2 \times 10^5)$

Copyright © 2010 Intel Corporation. All rights reserved. Adapted with permission. Intel, the Intel logo and the Intel Education Initiative are trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries.

*Other names and brands may be claimed as the property of others.

What Does This Look Like?



Copyright © 2010 Intel Corporation. All rights reserved. Adapted with permission. Intel, the Intel logo and the Intel Education Initiative are trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries.

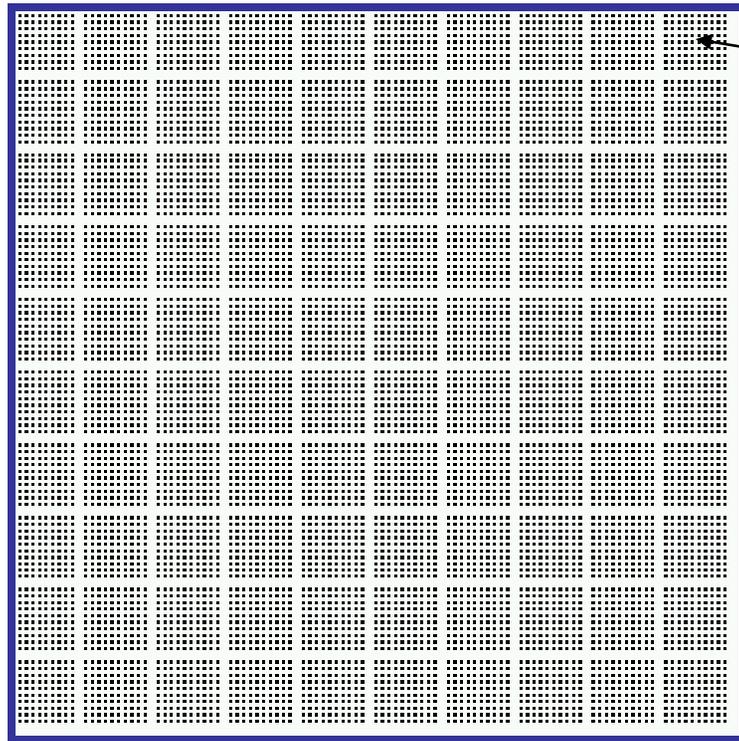
*Other names and brands may be claimed as the property of others.

How Did We Get This Number?

There are 500 sheets in each ream. 40,000 is the average number of pieces of paper used each year, multiplied by 3 gives paper usage in 3 years.

Source: Supplies Office

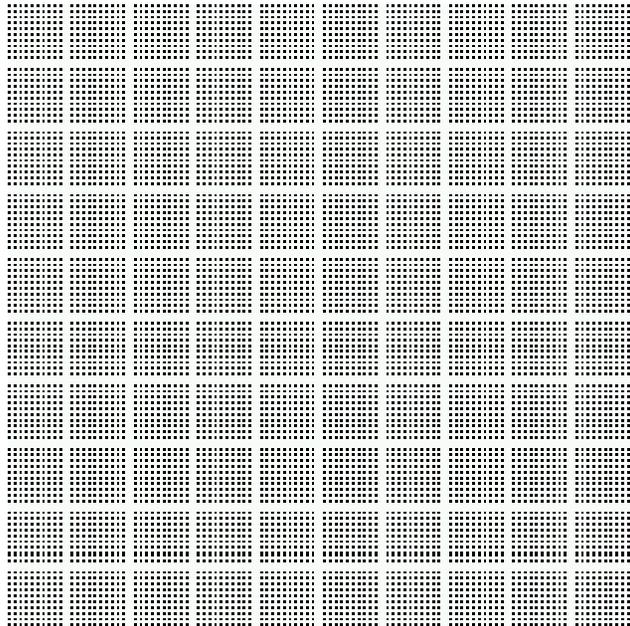
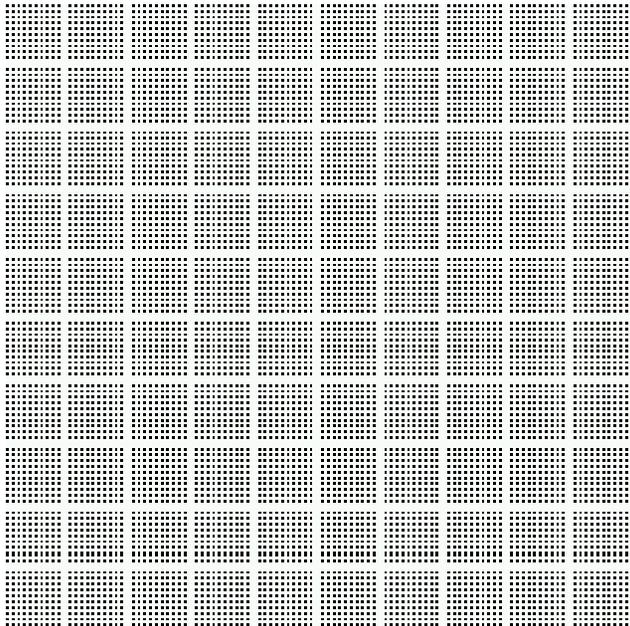
How Big Is 1,200,000 in Dots?



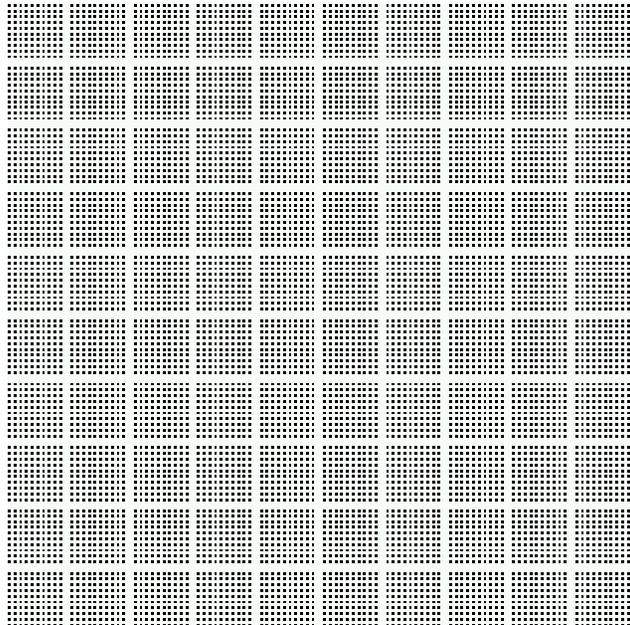
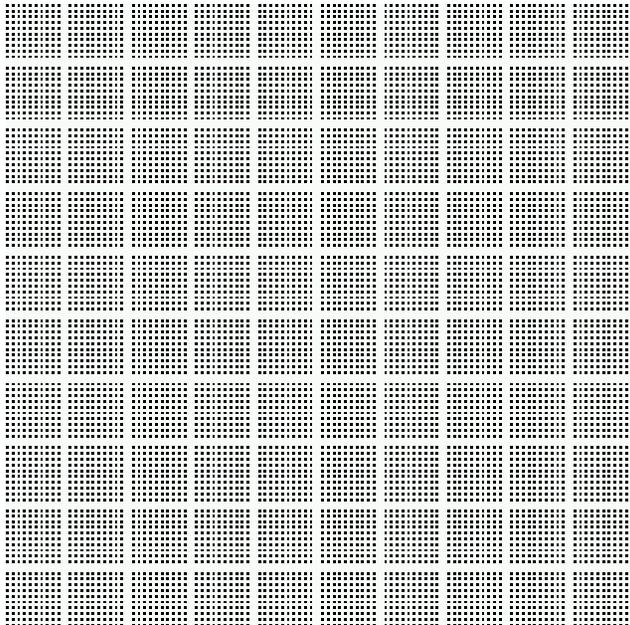
Each small square has 100 dots in it.

The whole large square has 10 x 10 of the small squares, or 10,000 dots

To get one million, two hundred thousand, we need **10 x 10 (100) of the whole large squares (1 million) plus 20 extra large squares (200,000)**



This page has 4 large squares of 10,000 dots or 40,000 dots.



We need 30 pages of this to equal 1,200,000!

We figured this out by dividing 1,200,000 by 40,000.

Conclusion

- We use way too much paper in this school!
- We use so much paper in 3 years that we can't even show you in dots or this presentation would be 29 slides longer than it is! (This is because we need 30 total pages of the four large dots page to show you how much 1,200,000 really is!)