

Lesson 3-1 (Computer Issues)

Monday, October 18, 2021 1:12 PM

Name _____

Solve & Share

At Izzy's Party Store, party invitations come in packages of 8. How many invitations are in 10 packages? 100 packages? 1,000 packages?

Lesson 3-1
Multiply Greater Numbers by Powers of 10

I can ...
use mental math to multiply a whole number by a power of 10.

Content Standard 5.NBT.A.2
Mathematical Practices MP.1, MP.3, MP.5, MP.6, MP.7

You can use appropriate tools. Place-value blocks are useful for picturing problems that involve powers of 10.

10 packages:
 $8 \times 10 = 80$

100 packages:
 $8 \times 100 = 800$

1,000 packages:
 $8 \times 1,000 = 8,000$

When multiplying by powers of Ten, find the math fact and annex zeros from the factors to the product.

Look Back! **MP.7 Use Structure** Thank-you cards come in packages of 12. How would this place-value model be different from the one above?

You would have 12 of each type of block.

