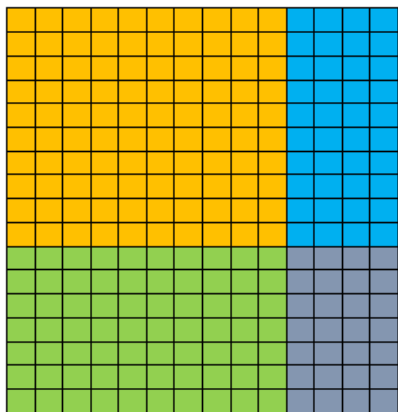


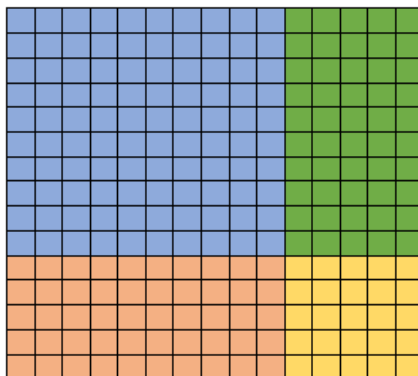
4.NBT.B.5 Multiply 2-Digit Numbers Using a Model

4.NBT.B.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers

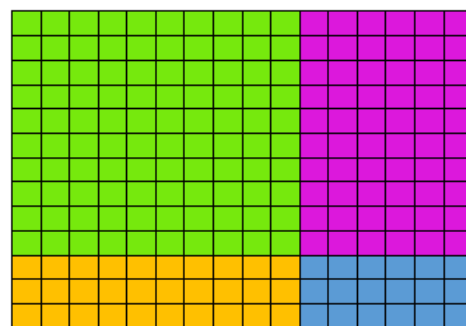
1. Write the multiplication expression. Use the model and partial products to find the product.



Solution:



Solution:



Solution:

2. Draw a model and find the product.

$$18 \times 24 =$$

$$26 \times 15 =$$

3. A grade 4 student uses 25 pens on average in Tomahawk Elementary School in a year. If a class of grade 4 has 23 students, how many pens does the class use in a year?

Solution:

4. A school lunch at Tomahawk Elementary School costs \$2.5. School opens 21 days a month. How much will it cost to buy lunch every day for a student in a month?

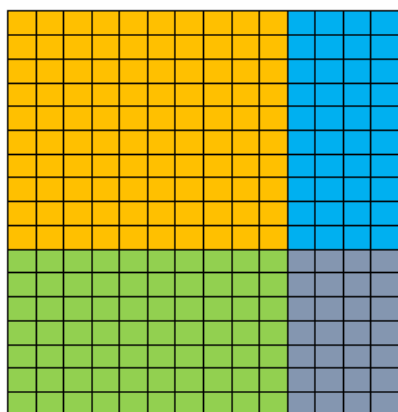
Solution:

4.NBT.B.5 Multiply 2-Digit Numbers Using a Model

Answer Key

4.NBT.B.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers

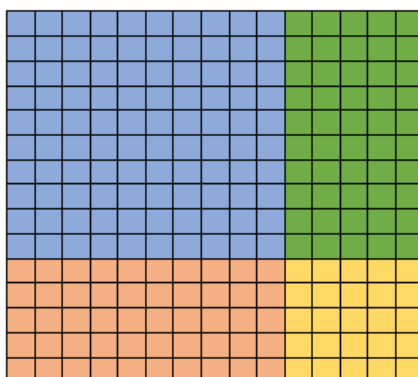
1. Write the multiplication expression. Use the model and partial products to find the product.



Solution: 14×17

$$14 \times 17 = 10 \times 10 + 10 \times 7 + 10 \times 4 + 7 \times 4$$

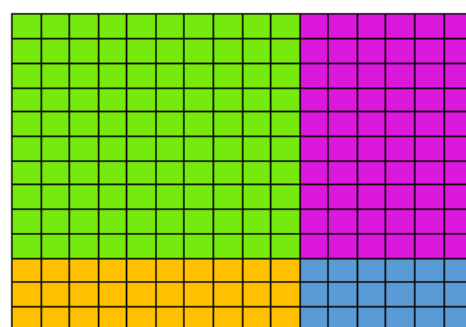
$$14 \times 17 = 238$$



Solution: 15×15

$$15 \times 15 = 10 \times 10 + 10 \times 5 + 10 \times 5 + 5 \times 5$$

$$15 \times 15 = 225$$



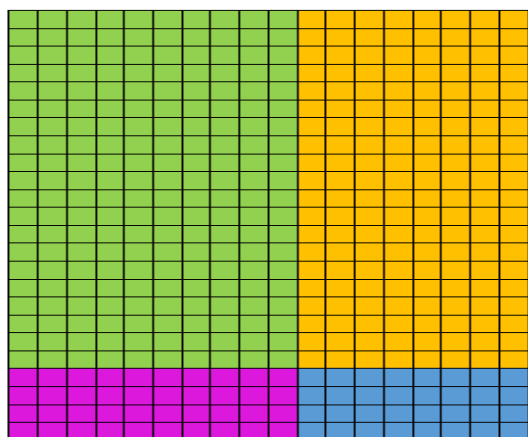
Solution: 16×13

$$16 \times 13 = 10 \times 10 + 10 \times 3 + 10 \times 6 + 3 \times 6$$

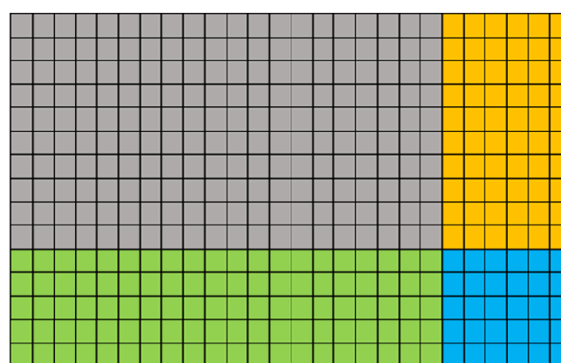
$$16 \times 13 = 208$$

2. Draw a model and find the product.

$$18 \times 24 = 432$$



$$26 \times 15 = 390$$



3. A grade 4 student uses 25 pens on average in Tomahawk Elementary School in a year. If a class of grade 4 has 23 students, how many pens does the class use in a year?

Solution: 575

4. A school lunch at Tomahawk Elementary School costs \$2.5. School opens 21 days a month. How much will it cost to buy lunch every day for a student in a month?

Solution: $\$52.5$