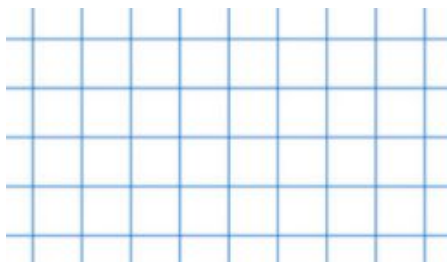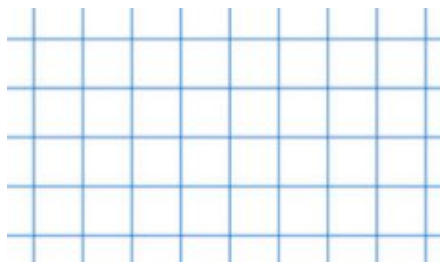## **Practice**

Decimal Operations

& Applications - Got it?

When adding and subtracting, line up the _____ _____.
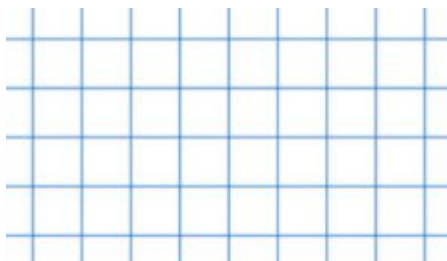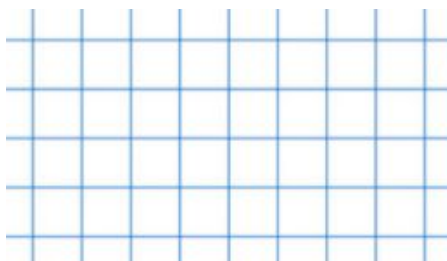
a) 5.397 + 841.59

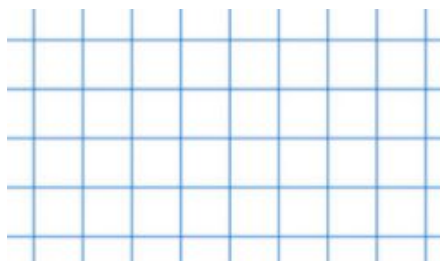b) 9205.72 - 42.18

c) 208.43 - 6.71

When multiplying, _____ total decimal _____ in factors to place the point in your product. You do **not** line up the decimal points.
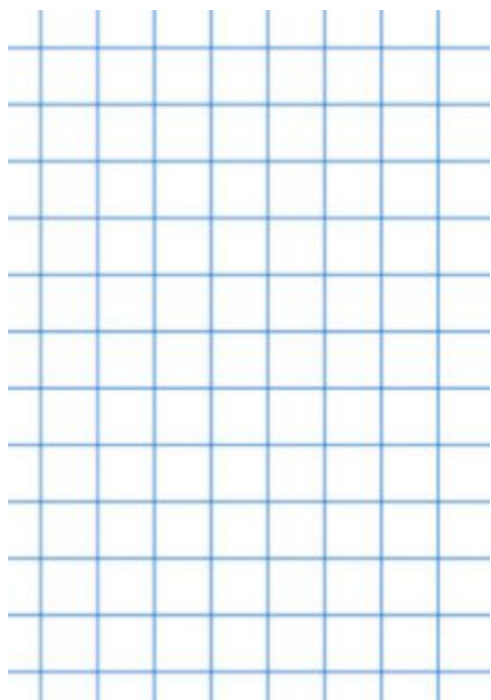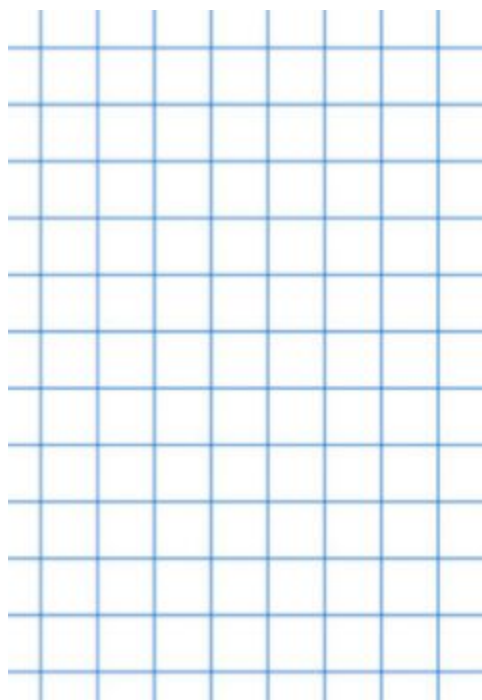
d) 23.75 x 1.4

e) 0.03 x 0.09

When dividing, make sure your divisor is a _____ number, then adjust your dividend the same way. (multiply by 10's) Move d.p. straight up.
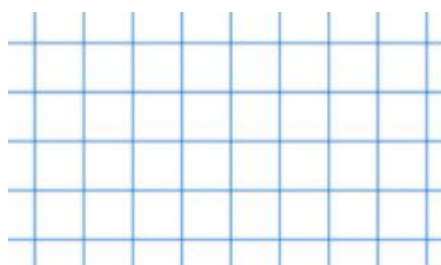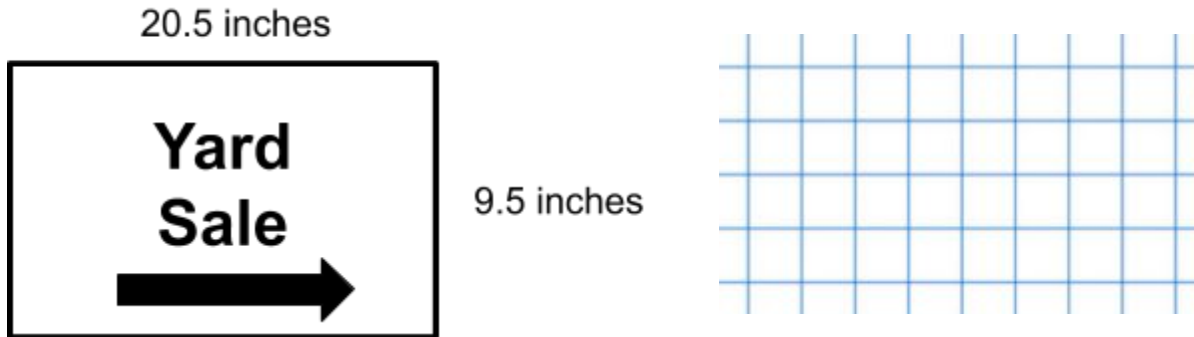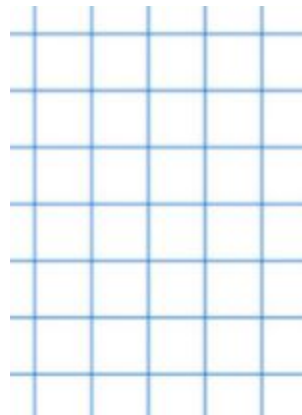
f) 173.25 ÷ 11

g) 743.7 ÷ 0.20

Application

h) Fred is buying 13.75 pounds of boneless chicken to cook at his barbecue. It is on sale for $2.50 per pound. How much will the chicken cost? **Estimate** your answer, **then solve**. Show ALL work for both.

i) Danielle is making small signs for her yard sale. The town says that the area of any sign must be no more than 200 square inches. Find the area of Danielle's sign. Is the sign she made too big?

20.5 inches

Yard
Sale

9.5 inches

Danielle wants to put bright sparkly tape around the outside perimeter of her sign so that it can be seen from farther away. How many inches of tape will she need to put around the outside edge of her sign?

j) Francis worked for 13.5 hours raking leaves. He gets paid $9.75 per hour. How much total money did he make?