

Use the bar models to help you.

a)



$$\frac{1}{2} + \frac{1}{4} + \frac{1}{12} = \square$$

b)



$$\frac{1}{2} + \frac{1}{3} + \frac{1}{12} = \square$$

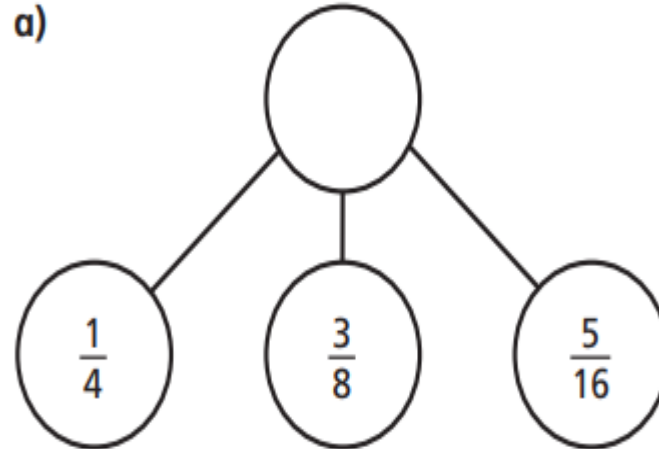
$$\frac{3}{16} + \frac{1}{2} + \frac{1}{4} = \square$$

$$\frac{1}{2} + \frac{5}{18} + \frac{1}{9} = \square$$

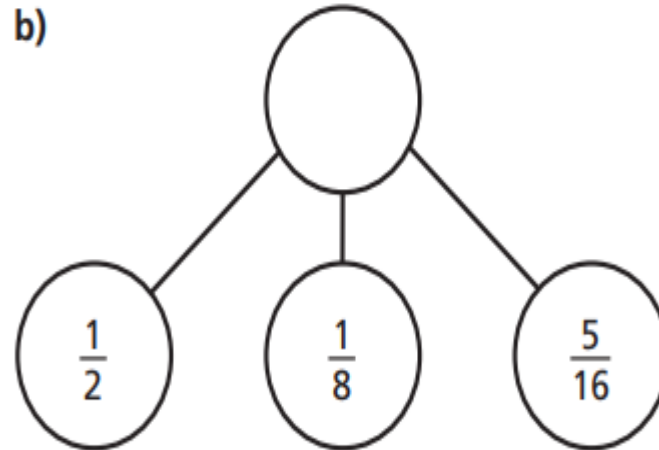
$$\frac{1}{5} + \frac{8}{35} + \frac{2}{7} = \square$$

Complete the part-whole models.

a)



b)



$$\frac{1}{8} + \frac{\square}{16} + \frac{3}{8} = \frac{5}{8}$$

$$\frac{1}{8} + \frac{\square}{16} + \frac{3}{8} = \frac{7}{8}$$

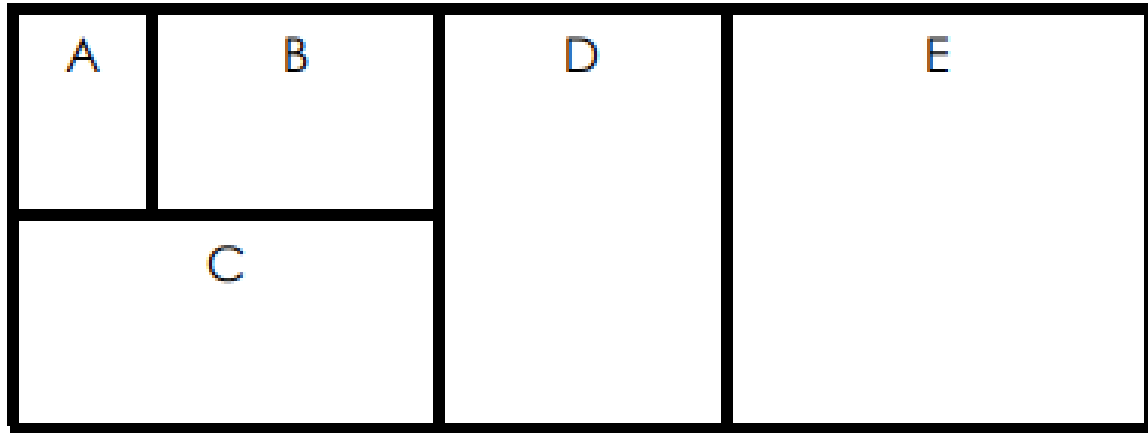
What is a in each fraction calculation below?

$$\frac{2}{9} + \frac{a}{3} + \frac{1}{9} = 1$$

$$\frac{5}{9} + \frac{1}{3} + \frac{a}{18} = 1$$

$$\frac{2}{7} + \frac{3}{21} + \frac{16}{28} = a$$

If A is one-sixteenth, work out the values of B - E.
Give all fractions in their simplest form.



$$A + B + C + D + E = 1$$

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Find the missing fraction. Write the number sentence.

