

ANSWERS

1 a) $2\frac{2}{3}$

2 a) $\frac{7}{3}$

b) $2\frac{2}{5}$

b) $\frac{15}{4}$

c) $2\frac{5}{8}$

c) $\frac{13}{12}$

3 a) $2\frac{1}{5} = \frac{11}{5}$

4 a) $\frac{42}{8}$ ^{→ 42 slices}

b) $1\frac{3}{4} = \frac{7}{4}$

→ slices in 1 pizza

So 6 whole pizzas

c) $4\frac{1}{2} = \frac{9}{2}$

b) $7\frac{1}{2} = 7\frac{4}{8} = \frac{60}{8}$

60 slices altogether

Which is bigger:

$$\frac{127}{5}$$

or

$$24\frac{1}{2}$$

↓

↓

$$\frac{127}{5} \times 2$$

$$\frac{49}{2} \times 5$$

↓

↓

$$\frac{254}{10}$$

← is bigger

$$\frac{245}{10}$$

I know that $\frac{127}{5}$ is bigger than $24\frac{1}{2}$

I know this because I converted $24\frac{1}{2}$

into an improper fraction. I then found

a common denominator of both 5 and 2, which was 10.

I multiplied $\frac{127}{5}$ by 2 to make the denominator 10, and multiplied $\frac{49}{2}$ by 5 to create a denominator of 10. Then I could see!