

### 1 Evaluate $12 + 14 - 11 + 14 \cdot 7 + 4$

evaluate the result / no fractions

$$15 + 98 + 4 = 117$$

### 2 Evaluate $10 \div 9 \div 8 \cdot 15 + 15 \cdot 14$

write as fraction

$$\frac{10}{9} \div \frac{8}{1} \cdot 15 + 210$$

$$\frac{10}{72} \cdot 15 + 210$$

$$\frac{5}{36} \cdot \frac{15}{1} + \frac{210}{1}$$

$$\frac{75}{36} + \frac{210}{1}$$

$$\frac{75 + 7560}{36}$$

$$\frac{7635}{36}$$

$$\frac{2545}{12}$$

$$212\frac{1}{12}$$

### 3 simplify $5 \div 3 \cdot 9 + 7$

write as fraction

$$\frac{5}{3} \cdot 9 + 7$$

$$\frac{45}{3} + 7$$

$$\frac{45 + 7 \cdot 3}{3}$$

$$\frac{45 + 21}{3}$$

$$\frac{66}{3}$$

reduce

$$22$$