

# Groupe des Instituts Excel

## Corrections

### Corrigé de l'exercice 1

Compléter :

$$\blacktriangleright 1. \frac{1_{(\times 8)}}{9_{(\times 8)}} = \frac{8}{72}$$

$$\blacktriangleright 2. \frac{12}{21} = \frac{4_{(\times 3)}}{7_{(\times 3)}}$$

$$\blacktriangleright 3. \frac{60}{90} = \frac{6_{(\times 10)}}{9_{(\times 10)}}$$

$$\blacktriangleright 4. \frac{5_{(\times 2)}}{9_{(\times 2)}} = \frac{10}{18}$$

$$\blacktriangleright 5. \frac{18}{16} = \frac{9_{(\times 2)}}{8_{(\times 2)}}$$

$$\blacktriangleright 6. \frac{8}{56} = \frac{1_{(\times 8)}}{7_{(\times 8)}}$$

$$\blacktriangleright 7. \frac{5_{(\times 8)}}{10_{(\times 8)}} = \frac{40}{80}$$

$$\blacktriangleright 8. \frac{12}{4} = \frac{6_{(\times 2)}}{2_{(\times 2)}}$$

### Corrigé de l'exercice 2

Compléter :

$$\blacktriangleright 1. \frac{7_{(\times 8)}}{6_{(\times 8)}} = \frac{56}{48}$$

$$\blacktriangleright 2. \frac{7_{(\times 4)}}{9_{(\times 4)}} = \frac{28}{36}$$

$$\blacktriangleright 3. \frac{3_{(\times 10)}}{5_{(\times 10)}} = \frac{30}{50}$$

$$\blacktriangleright 4. \frac{24}{56} = \frac{3_{(\times 8)}}{7_{(\times 8)}}$$

$$\blacktriangleright 5. \frac{40}{25} = \frac{8_{(\times 5)}}{5_{(\times 5)}}$$

$$\blacktriangleright 6. \frac{5_{(\times 8)}}{9_{(\times 8)}} = \frac{40}{72}$$

$$\blacktriangleright 7. \frac{9}{81} = \frac{1_{(\times 9)}}{9_{(\times 9)}}$$

$$\blacktriangleright 8. \frac{40}{36} = \frac{10_{(\times 4)}}{9_{(\times 4)}}$$

### Corrigé de l'exercice 3

Compléter :

$$\blacktriangleright 1. \frac{21}{24} = \frac{7_{(\times 3)}}{8_{(\times 3)}}$$

$$\blacktriangleright 2. \frac{10}{20} = \frac{2_{(\times 5)}}{4_{(\times 5)}}$$

$$\blacktriangleright 3. \frac{7_{(\times 2)}}{2_{(\times 2)}} = \frac{14}{4}$$

$$\blacktriangleright 4. \frac{4}{36} = \frac{1_{(\times 4)}}{9_{(\times 4)}}$$

$$\blacktriangleright 5. \frac{12}{16} = \frac{6_{(\times 2)}}{8_{(\times 2)}}$$

$$\blacktriangleright 6. \frac{5_{(\times 9)}}{2_{(\times 9)}} = \frac{45}{18}$$

$$\blacktriangleright 7. \frac{10_{(\times 8)}}{7_{(\times 8)}} = \frac{80}{56}$$

$$\blacktriangleright 8. \frac{10_{(\times 9)}}{9_{(\times 9)}} = \frac{90}{81}$$

### Corrigé de l'exercice 4

Compléter :

$$\blacktriangleright 1. \frac{27}{90} = \frac{3_{(\times 9)}}{10_{(\times 9)}}$$

$$\blacktriangleright 2. \frac{1_{(\times 2)}}{9_{(\times 2)}} = \frac{2}{18}$$

$$\blacktriangleright 3. \frac{48}{24} = \frac{8_{(\times 6)}}{4_{(\times 6)}}$$

$$\blacktriangleright 4. \frac{6_{(\times 4)}}{8_{(\times 4)}} = \frac{24}{32}$$

$$\blacktriangleright 5. \frac{27}{72} = \frac{3_{(\times 9)}}{8_{(\times 9)}}$$

$$\blacktriangleright 6. \frac{6}{18} = \frac{2_{(\times 3)}}{6_{(\times 3)}}$$

$$\blacktriangleright 7. \frac{10_{(\times 3)}}{4_{(\times 3)}} = \frac{30}{12}$$

$$\blacktriangleright 8. \frac{48}{72} = \frac{6_{(\times 8)}}{9_{(\times 8)}}$$

### Corrigé de l'exercice 5

Compléter :

$$\blacktriangleright 1. \frac{45}{36} = \frac{5_{(\times 9)}}{4_{(\times 9)}}$$

$$\blacktriangleright 2. \frac{81}{45} = \frac{9_{(\times 9)}}{5_{(\times 9)}}$$

$$\blacktriangleright 3. \frac{12}{18} = \frac{2_{(\times 6)}}{3_{(\times 6)}}$$

$$\blacktriangleright 4. \frac{6_{(\times 10)}}{5_{(\times 10)}} = \frac{60}{50}$$

$$\blacktriangleright 5. \frac{45}{25} = \frac{9_{(\times 5)}}{5_{(\times 5)}}$$

$$\blacktriangleright 6. \frac{42}{12} = \frac{7_{(\times 6)}}{2_{(\times 6)}}$$

$$\blacktriangleright 7. \frac{48}{60} = \frac{8_{(\times 6)}}{10_{(\times 6)}}$$

$$\blacktriangleright 8. \frac{1_{(\times 8)}}{3_{(\times 8)}} = \frac{8}{24}$$

### Corrigé de l'exercice 6

Compléter :

$$\blacktriangleright 1. \frac{24}{64} = \frac{3_{(\times 8)}}{8_{(\times 8)}}$$

$$\blacktriangleright 2. \frac{64}{72} = \frac{8_{(\times 8)}}{9_{(\times 8)}}$$

$$\blacktriangleright 3. \frac{8_{(\times 9)}}{4_{(\times 9)}} = \frac{72}{36}$$

$$\blacktriangleright 4. \frac{4_{(\times 6)}}{5_{(\times 6)}} = \frac{24}{30}$$

$$\blacktriangleright 5. \frac{10_{(\times 8)}}{8_{(\times 8)}} = \frac{80}{64}$$

$$\blacktriangleright 6. \frac{12}{6} = \frac{4_{(\times 3)}}{2_{(\times 3)}}$$

$$\blacktriangleright 7. \frac{7_{(\times 9)}}{4_{(\times 9)}} = \frac{63}{36}$$

$$\blacktriangleright 8. \frac{7_{(\times 7)}}{10_{(\times 7)}} = \frac{49}{70}$$