

التمرين الثاني

2 : التمرين

1 7 8

أتمم بالعدد المناسب :

$$1. \frac{6}{\dots} = \frac{36}{24}$$

$$2. \frac{2}{5} = \frac{\dots}{20}$$

$$3. \frac{15}{\dots} = \frac{5}{9}$$

$$4. \frac{28}{42} = \frac{\dots}{6}$$

$$5. \frac{1}{5} = \frac{7}{\dots}$$

$$6. \frac{63}{\dots} = \frac{9}{7}$$

$$7. \frac{18}{36} = \frac{\dots}{4}$$

$$8. \frac{12}{15} = \frac{4}{\dots}$$

2 7 8

أتمم بالعدد المناسب :

$$1. \frac{1}{\dots} = \frac{6}{48}$$

$$2. \frac{\dots}{7} = \frac{90}{70}$$

$$3. \frac{\dots}{3} = \frac{20}{30}$$

$$4. \frac{\dots}{56} = \frac{10}{7}$$

$$5. \frac{20}{50} = \frac{\dots}{10}$$

$$6. \frac{1}{\dots} = \frac{7}{14}$$

$$7. \frac{12}{27} = \frac{4}{\dots}$$

$$8. \frac{18}{42} = \frac{3}{\dots}$$

3 7 8

أتمم بالعدد المناسب :

$$1. \frac{1}{3} = \frac{9}{\dots}$$

$$2. \frac{3}{2} = \frac{\dots}{14}$$

$$3. \frac{56}{24} = \frac{7}{\dots}$$

$$4. \frac{4}{9} = \frac{12}{\dots}$$

$$5. \frac{\dots}{12} = \frac{8}{2}$$

$$6. \frac{1}{7} = \frac{\dots}{63}$$

$$7. \frac{21}{18} = \frac{7}{\dots}$$

$$8. \frac{8}{9} = \frac{48}{\dots}$$

4 7 8

أتمم بالعدد المناسب :

$$1. \frac{\dots}{5} = \frac{5}{25}$$

$$2. \frac{8}{\dots} = \frac{24}{6}$$

$$3. \frac{56}{70} = \frac{\dots}{10}$$

$$4. \frac{\dots}{8} = \frac{15}{24}$$

$$5. \frac{\dots}{72} = \frac{1}{8}$$

$$6. \frac{5}{\dots} = \frac{1}{3}$$

$$7. \frac{4}{9} = \frac{\dots}{54}$$

$$8. \frac{10}{18} = \frac{\dots}{9}$$

5 7 8

أتمم بالعدد المناسب :

$$1. \frac{4}{\dots} = \frac{32}{24}$$

$$2. \frac{5}{7} = \frac{\dots}{56}$$

$$3. \frac{\dots}{36} = \frac{10}{9}$$

$$4. \frac{\dots}{63} = \frac{6}{7}$$

$$5. \frac{\dots}{2} = \frac{4}{8}$$

$$6. \frac{3}{7} = \frac{\dots}{49}$$

$$7. \frac{63}{42} = \frac{\dots}{6}$$

$$8. \frac{\dots}{15} = \frac{7}{3}$$

6 7 8

أتمم بالعدد المناسب :

$$1. \frac{3}{\dots} = \frac{21}{70}$$

$$2. \frac{\dots}{20} = \frac{3}{10}$$

$$3. \frac{8}{9} = \frac{24}{\dots}$$

$$4. \frac{1}{\dots} = \frac{2}{8}$$

$$5. \frac{24}{40} = \frac{3}{\dots}$$

$$6. \frac{\dots}{7} = \frac{9}{21}$$

$$7. \frac{35}{21} = \frac{\dots}{3}$$

$$8. \frac{\dots}{80} = \frac{5}{10}$$

7 7 7

أتمم بالعدد المناسب :

$$1. \frac{\dots}{45} = \frac{1}{9}$$

$$3. \frac{8}{\dots} = \frac{56}{14}$$

$$5. \frac{40}{\dots} = \frac{10}{3}$$

$$7. \frac{27}{\dots} = \frac{3}{9}$$

$$2. \frac{\dots}{2} = \frac{24}{8}$$

$$4. \frac{3}{10} = \frac{\dots}{70}$$

$$6. \frac{\dots}{10} = \frac{36}{90}$$

$$8. \frac{4}{\dots} = \frac{28}{14}$$

8 7 7

أتمم بالعدد المناسب :

$$1. \frac{18}{10} = \frac{\dots}{5}$$

$$3. \frac{\dots}{15} = \frac{4}{5}$$

$$5. \frac{\dots}{36} = \frac{8}{6}$$

$$7. \frac{10}{7} = \frac{\dots}{56}$$

$$2. \frac{12}{27} = \frac{\dots}{9}$$

$$4. \frac{\dots}{6} = \frac{45}{54}$$

$$6. \frac{10}{14} = \frac{\dots}{7}$$

$$8. \frac{\dots}{5} = \frac{28}{35}$$

9 7 7

أتمم بالعدد المناسب :

$$1. \frac{9}{\dots} = \frac{3}{4}$$

$$3. \frac{\dots}{5} = \frac{81}{45}$$

$$5. \frac{4}{3} = \frac{\dots}{24}$$

$$7. \frac{50}{20} = \frac{\dots}{4}$$

$$2. \frac{10}{\dots} = \frac{50}{10}$$

$$4. \frac{5}{8} = \frac{\dots}{64}$$

$$6. \frac{10}{\dots} = \frac{50}{40}$$

$$8. \frac{\dots}{3} = \frac{10}{6}$$

10 7 7

أتمم بالعدد المناسب :

$$1. \frac{18}{20} = \frac{9}{\dots}$$

$$3. \frac{2}{6} = \frac{20}{\dots}$$

$$5. \frac{5}{\dots} = \frac{20}{40}$$

$$7. \frac{6}{5} = \frac{48}{\dots}$$

$$2. \frac{\dots}{40} = \frac{7}{4}$$

$$4. \frac{\dots}{24} = \frac{1}{3}$$

$$6. \frac{21}{49} = \frac{3}{\dots}$$

$$8. \frac{3}{4} = \frac{18}{\dots}$$

11 7 7

أتمم بالعدد المناسب :

$$1. \frac{24}{72} = \frac{3}{\dots}$$

$$3. \frac{\dots}{54} = \frac{7}{9}$$

$$5. \frac{\dots}{7} = \frac{56}{49}$$

$$7. \frac{1}{\dots} = \frac{6}{24}$$

$$2. \frac{\dots}{7} = \frac{24}{21}$$

$$4. \frac{\dots}{20} = \frac{9}{4}$$

$$6. \frac{4}{9} = \frac{\dots}{54}$$

$$8. \frac{18}{30} = \frac{3}{\dots}$$

الحلول

موقع الأستاذ بلحوسين لرياضيات التعليم المتوسط

<https://prof27math.weebly.com/>

التمرين الثاني

2 : التمرين

1 التمرين

أتمم بالعدد المناسب :

1. $\frac{6(\times 6)}{4(\times 6)} = \frac{36}{24}$	3. $\frac{15}{27} = \frac{5(\times 3)}{9(\times 3)}$	5. $\frac{1(\times 7)}{5(\times 7)} = \frac{7}{35}$	7. $\frac{18}{36} = \frac{2(\times 9)}{4(\times 9)}$
2. $\frac{2(\times 4)}{5(\times 4)} = \frac{8}{20}$	4. $\frac{28}{42} = \frac{4(\times 7)}{6(\times 7)}$	6. $\frac{63}{49} = \frac{9(\times 7)}{7(\times 7)}$	8. $\frac{12}{15} = \frac{4(\times 3)}{5(\times 3)}$

2 التمرين

أتمم بالعدد المناسب :

1. $\frac{1(\times 6)}{8(\times 6)} = \frac{6}{48}$	3. $\frac{2(\times 10)}{3(\times 10)} = \frac{20}{30}$	5. $\frac{20}{50} = \frac{4(\times 5)}{10(\times 5)}$	7. $\frac{12}{27} = \frac{4(\times 3)}{9(\times 3)}$
2. $\frac{9(\times 10)}{7(\times 10)} = \frac{90}{70}$	4. $\frac{80}{56} = \frac{10(\times 8)}{7(\times 8)}$	6. $\frac{1(\times 7)}{2(\times 7)} = \frac{7}{14}$	8. $\frac{18}{42} = \frac{3(\times 6)}{7(\times 6)}$

3 التمرين

أتمم بالعدد المناسب :

1. $\frac{1(\times 9)}{3(\times 9)} = \frac{9}{27}$	3. $\frac{56}{24} = \frac{7(\times 8)}{3(\times 8)}$	5. $\frac{48}{12} = \frac{8(\times 6)}{2(\times 6)}$	7. $\frac{21}{18} = \frac{7(\times 3)}{6(\times 3)}$
2. $\frac{3(\times 7)}{2(\times 7)} = \frac{21}{14}$	4. $\frac{4(\times 3)}{9(\times 3)} = \frac{12}{27}$	6. $\frac{1(\times 9)}{7(\times 9)} = \frac{9}{63}$	8. $\frac{8(\times 6)}{9(\times 6)} = \frac{48}{54}$

4 التمرين

أتمم بالعدد المناسب :

1. $\frac{1(\times 5)}{5(\times 5)} = \frac{5}{25}$	3. $\frac{56}{70} = \frac{8(\times 7)}{10(\times 7)}$	5. $\frac{9}{72} = \frac{1(\times 9)}{8(\times 9)}$	7. $\frac{4(\times 6)}{9(\times 6)} = \frac{24}{54}$
2. $\frac{8(\times 3)}{2(\times 3)} = \frac{24}{6}$	4. $\frac{5(\times 3)}{8(\times 3)} = \frac{15}{24}$	6. $\frac{5}{15} = \frac{1(\times 5)}{3(\times 5)}$	8. $\frac{10}{18} = \frac{5(\times 2)}{9(\times 2)}$

5 التمرين

أتمم بالعدد المناسب :

1. $\frac{4(\times 8)}{3(\times 8)} = \frac{32}{24}$	3. $\frac{40}{36} = \frac{10(\times 4)}{9(\times 4)}$	5. $\frac{1(\times 4)}{2(\times 4)} = \frac{4}{8}$	7. $\frac{63}{42} = \frac{9(\times 7)}{6(\times 7)}$
2. $\frac{5(\times 8)}{7(\times 8)} = \frac{40}{56}$	4. $\frac{54}{63} = \frac{6(\times 9)}{7(\times 9)}$	6. $\frac{3(\times 7)}{7(\times 7)} = \frac{21}{49}$	8. $\frac{35}{15} = \frac{7(\times 5)}{3(\times 5)}$

6 التمرين

أتمم بالعدد المناسب :

$$1. \frac{3_{(\times 7)}}{10_{(\times 7)}} = \frac{21}{70}$$

$$2. \frac{6}{20} = \frac{3_{(\times 2)}}{10_{(\times 2)}}$$

$$3. \frac{8_{(\times 3)}}{9_{(\times 3)}} = \frac{24}{27}$$

$$4. \frac{1_{(\times 2)}}{4_{(\times 2)}} = \frac{2}{8}$$

$$5. \frac{24}{40} = \frac{3_{(\times 8)}}{5_{(\times 8)}}$$

$$6. \frac{3_{(\times 3)}}{7_{(\times 3)}} = \frac{9}{21}$$

$$7. \frac{35}{21} = \frac{5_{(\times 7)}}{3_{(\times 7)}}$$

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

7 ٧ ٤١ /

أتمم بالعدد المناسب :

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

$$2. \frac{6_{(\times 4)}}{2_{(\times 4)}} = \frac{24}{8}$$

$$3. \frac{8_{(\times 7)}}{2_{(\times 7)}} = \frac{56}{14}$$

$$4. \frac{3_{(\times 7)}}{10_{(\times 7)}} = \frac{21}{70}$$

$$5. \frac{40}{12} = \frac{10_{(\times 4)}}{3_{(\times 4)}}$$

$$6. \frac{4_{(\times 9)}}{10_{(\times 9)}} = \frac{36}{90}$$

$$7. \frac{27}{81} = \frac{3_{(\times 9)}}{9_{(\times 9)}}$$

$$8. \frac{4_{(\times 7)}}{2_{(\times 7)}} = \frac{28}{14}$$

8 ٨ ٤١ /

أتمم بالعدد المناسب :

$$1. \frac{18}{10} = \frac{9_{(\times 2)}}{5_{(\times 2)}}$$

$$2. \frac{12}{27} = \frac{4_{(\times 3)}}{9_{(\times 3)}}$$

$$3. \frac{12}{15} = \frac{4_{(\times 3)}}{5_{(\times 3)}}$$

$$4. \frac{5_{(\times 9)}}{6_{(\times 9)}} = \frac{45}{54}$$

$$5. \frac{48}{36} = \frac{8_{(\times 6)}}{6_{(\times 6)}}$$

$$6. \frac{10}{14} = \frac{5_{(\times 2)}}{7_{(\times 2)}}$$

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

$$8. \frac{4_{(\times 7)}}{5_{(\times 7)}} = \frac{28}{35}$$

9 ٩ ٤١ /

أتمم بالعدد المناسب :

$$1. \frac{9}{12} = \frac{3_{(\times 3)}}{4_{(\times 3)}}$$

$$2. \frac{10_{(\times 5)}}{2_{(\times 5)}} = \frac{50}{10}$$

$$3. \frac{9_{(\times 9)}}{5_{(\times 9)}} = \frac{81}{45}$$

$$4. \frac{5_{(\times 8)}}{8_{(\times 8)}} = \frac{40}{64}$$

$$5. \frac{4_{(\times 8)}}{3_{(\times 8)}} = \frac{32}{24}$$

$$6. \frac{10_{(\times 5)}}{8_{(\times 5)}} = \frac{50}{40}$$

$$7. \frac{50}{20} = \frac{10_{(\times 5)}}{4_{(\times 5)}}$$

$$8. \frac{5_{(\times 2)}}{3_{(\times 2)}} = \frac{10}{6}$$

10 ١٠ ٤١ /

أتمم بالعدد المناسب :

$$1. \frac{18}{20} = \frac{9_{(\times 2)}}{10_{(\times 2)}}$$

$$2. \frac{70}{40} = \frac{7_{(\times 10)}}{4_{(\times 10)}}$$

$$3. \frac{2_{(\times 10)}}{6_{(\times 10)}} = \frac{20}{60}$$

$$4. \frac{8}{24} = \frac{1_{(\times 8)}}{3_{(\times 8)}}$$

$$5. \frac{5_{(\times 4)}}{10_{(\times 4)}} = \frac{20}{40}$$

$$6. \frac{21}{49} = \frac{3_{(\times 7)}}{7_{(\times 7)}}$$

$$7. \frac{6_{(\times 8)}}{5_{(\times 8)}} = \frac{48}{40}$$

$$8. \frac{3_{(\times 6)}}{4_{(\times 6)}} = \frac{18}{24}$$

11 ١١ ٤١ /

أتمم بالعدد المناسب :

$$1. \frac{24}{72} = \frac{3_{(\times 8)}}{9_{(\times 8)}}$$

$$2. \frac{8_{(\times 3)}}{7_{(\times 3)}} = \frac{24}{21}$$

$$3. \frac{42}{54} = \frac{7_{(\times 6)}}{9_{(\times 6)}}$$

$$4. \frac{45}{20} = \frac{9_{(\times 5)}}{4_{(\times 5)}}$$

$$5. \frac{8_{(\times 7)}}{7_{(\times 7)}} = \frac{56}{49}$$

$$6. \frac{4_{(\times 6)}}{9_{(\times 6)}} = \frac{24}{54}$$

$$7. \frac{1_{(\times 6)}}{4_{(\times 6)}} = \frac{6}{24}$$

$$8. \frac{18}{30} = \frac{3_{(\times 6)}}{5_{(\times 6)}}$$