Finding Equivalent Fractions          Name: **Answer Key**

**Find the number that makes an equivalent fraction.**

Ex) $\dfrac{1}{2} = \dfrac{9}{18}$

1) $\dfrac{3}{7} = \dfrac{18}{42}$

2) $\dfrac{4}{6} = \dfrac{32}{48}$

3) $\dfrac{3}{6} = \dfrac{21}{42}$

4) $\dfrac{9}{10} = \dfrac{36}{40}$

5) $\dfrac{1}{6} = \dfrac{3}{18}$

6) $\dfrac{6}{8} = \dfrac{60}{80}$

7) $\dfrac{3}{4} = \dfrac{27}{36}$

8) $\dfrac{5}{6} = \dfrac{15}{18}$

9) $\dfrac{8}{9} = \dfrac{48}{54}$

10) $\dfrac{1}{6} = \dfrac{9}{54}$

11) $\dfrac{2}{3} = \dfrac{10}{15}$

12) $\dfrac{2}{3} = \dfrac{8}{12}$

13) $\dfrac{1}{5} = \dfrac{4}{20}$

14) $\dfrac{2}{4} = \dfrac{10}{20}$

15) $\dfrac{5}{7} = \dfrac{30}{42}$

16) $\dfrac{1}{3} = \dfrac{9}{27}$

17) $\dfrac{1}{2} = \dfrac{3}{6}$

18) $\dfrac{4}{5} = \dfrac{28}{35}$

19) $\dfrac{7}{8} = \dfrac{49}{56}$

20) $\dfrac{3}{4} = \dfrac{18}{24}$

**Answers**

| | |
|---|---|
| Ex. | 18 |
| 1. | 42 |
| 2. | 32 |
| 3. | 21 |
| 4. | 36 |
| 5. | 18 |
| 6. | 60 |
| 7. | 36 |
| 8. | 15 |
| 9. | 48 |
| 10. | 9 |
| 11. | 15 |
| 12. | 8 |
| 13. | 20 |
| 14. | 20 |
| 15. | 42 |
| 16. | 9 |
| 17. | 3 |
| 18. | 28 |
| 19. | 56 |
| 20. | 24 |

Equivalent Fraction Patterns          Name: **Answer Key**

**Fill in the missing equivalent fraction.**

**1)** $\dfrac{2}{6}=\dfrac{4}{12}=\dfrac{6}{18}=\dfrac{8}{24}=\dfrac{10}{30}=\dfrac{12}{36}$

**2)** $\dfrac{1}{3}=\dfrac{2}{6}=\dfrac{3}{9}=\dfrac{4}{12}=\dfrac{5}{15}=\dfrac{6}{18}$

**3)** $\dfrac{2}{10}=\dfrac{4}{20}=\dfrac{6}{30}=\dfrac{8}{40}=\dfrac{10}{50}=\dfrac{12}{60}$

**4)** $\dfrac{2}{3}=\dfrac{4}{6}=\dfrac{6}{9}=\dfrac{8}{12}=\dfrac{10}{15}=\dfrac{12}{18}$

**5)** $\dfrac{5}{7}=\dfrac{10}{14}=\dfrac{15}{21}=\dfrac{20}{28}=\dfrac{25}{35}=\dfrac{30}{42}$

**6)** $\dfrac{1}{9}=\dfrac{2}{18}=\dfrac{3}{27}=\dfrac{4}{36}=\dfrac{5}{45}=\dfrac{6}{54}$

**7)** $\dfrac{3}{9}=\dfrac{6}{18}=\dfrac{9}{27}=\dfrac{12}{36}=\dfrac{15}{45}=\dfrac{18}{54}$

**8)** $\dfrac{3}{4}=\dfrac{6}{8}=\dfrac{9}{12}=\dfrac{12}{16}=\dfrac{15}{20}=\dfrac{18}{24}$

**9)** $\dfrac{1}{6}=\dfrac{2}{12}=\dfrac{3}{18}=\dfrac{4}{24}=\dfrac{5}{30}=\dfrac{6}{36}$

**10)** $\dfrac{5}{6}=\dfrac{10}{12}=\dfrac{15}{18}=\dfrac{20}{24}=\dfrac{25}{30}=\dfrac{30}{36}$

**11)** $\dfrac{1}{2}=\dfrac{2}{4}=\dfrac{3}{6}=\dfrac{4}{8}=\dfrac{5}{10}=\dfrac{6}{12}$

**12)** $\dfrac{1}{4}=\dfrac{2}{8}=\dfrac{3}{12}=\dfrac{4}{16}=\dfrac{5}{20}=\dfrac{6}{24}$

**13)** $\dfrac{1}{5}=\dfrac{2}{10}=\dfrac{3}{15}=\dfrac{4}{20}=\dfrac{5}{25}=\dfrac{6}{30}$

**14)** $\dfrac{7}{10}=\dfrac{14}{20}=\dfrac{21}{30}=\dfrac{28}{40}=\dfrac{35}{50}=\dfrac{42}{60}$

**15)** $\dfrac{8}{9}=\dfrac{16}{18}=\dfrac{24}{27}=\dfrac{32}{36}=\dfrac{40}{45}=\dfrac{48}{54}$

**16)** $\dfrac{2}{4}=\dfrac{4}{8}=\dfrac{6}{12}=\dfrac{8}{16}=\dfrac{10}{20}=\dfrac{12}{24}$

**17)** $\dfrac{6}{7}=\dfrac{12}{14}=\dfrac{18}{21}=\dfrac{24}{28}=\dfrac{30}{35}=\dfrac{36}{42}$

**18)** $\dfrac{4}{8}=\dfrac{8}{16}=\dfrac{12}{24}=\dfrac{16}{32}=\dfrac{20}{40}=\dfrac{24}{48}$

**19)** $\dfrac{6}{10}=\dfrac{12}{20}=\dfrac{18}{30}=\dfrac{24}{40}=\dfrac{30}{50}=\dfrac{36}{60}$

**20)** $\dfrac{2}{7}=\dfrac{4}{14}=\dfrac{6}{21}=\dfrac{8}{28}=\dfrac{10}{35}=\dfrac{12}{42}$

**Answers**

1. $^{4}/_{12}$
2. $^{2}/_{6}$
3. $^{8}/_{40}$
4. $^{6}/_{9}$
5. $^{15}/_{21}$
6. $^{6}/_{54}$
7. $^{9}/_{27}$
8. $^{6}/_{8}$
9. $^{5}/_{30}$
10. $^{20}/_{24}$
11. $^{4}/_{8}$
12. $^{6}/_{24}$
13. $^{6}/_{30}$
14. $^{14}/_{20}$
15. $^{24}/_{27}$
16. $^{10}/_{20}$
17. $^{30}/_{35}$
18. $^{20}/_{40}$
19. $^{24}/_{40}$
20. $^{6}/_{21}$