Muster von äquivalenten Brüchen

Name:

Fülle die äquivalenten Brüche ein.

1) $\frac{1}{7}=\frac{2}{14}=\frac{3}{21}=\frac{\quad}{\quad}=\frac{5}{35}=\frac{6}{42}$

2) $\frac{2}{5}=\frac{\quad}{\quad}=\frac{6}{15}=\frac{8}{20}=\frac{10}{25}=\frac{12}{30}$

3) $\frac{1}{2}=\frac{2}{4}=\frac{3}{6}=\frac{\quad}{\quad}=\frac{5}{10}=\frac{6}{12}$

4) $\frac{3}{8}=\frac{6}{16}=\frac{\quad}{\quad}=\frac{12}{32}=\frac{15}{40}=\frac{18}{48}$

5) $\frac{1}{5}=\frac{2}{10}=\frac{\quad}{\quad}=\frac{4}{20}=\frac{5}{25}=\frac{6}{30}$

6) $\frac{1}{6}=\frac{\quad}{\quad}=\frac{3}{18}=\frac{4}{24}=\frac{5}{30}=\frac{6}{36}$

7) $\frac{2}{3}=\frac{4}{6}=\frac{6}{9}=\frac{8}{12}=\frac{\quad}{\quad}=\frac{12}{18}$

8) $\frac{5}{9}=\frac{10}{18}=\frac{\quad}{\quad}=\frac{20}{36}=\frac{25}{45}=\frac{30}{54}$

9) $\frac{2}{7}=\frac{\quad}{\quad}=\frac{6}{21}=\frac{8}{28}=\frac{10}{35}=\frac{12}{42}$

10) $\frac{4}{5}=\frac{8}{10}=\frac{12}{15}=\frac{16}{20}=\frac{20}{25}=\frac{\quad}{\quad}$

11) $\frac{2}{8}=\frac{4}{16}=\frac{6}{24}=\frac{\quad}{\quad}=\frac{10}{40}=\frac{12}{48}$

12) $\frac{1}{4}=\frac{\quad}{\quad}=\frac{3}{12}=\frac{4}{16}=\frac{5}{20}=\frac{6}{24}$

13) $\frac{4}{7}=\frac{8}{14}=\frac{12}{21}=\frac{\quad}{\quad}=\frac{20}{35}=\frac{24}{42}$

14) $\frac{3}{9}=\frac{6}{18}=\frac{9}{27}=\frac{\quad}{\quad}=\frac{15}{45}=\frac{18}{54}$

15) $\frac{4}{10}=\frac{8}{20}=\frac{\quad}{\quad}=\frac{16}{40}=\frac{20}{50}=\frac{24}{60}$

16) $\frac{7}{9}=\frac{14}{18}=\frac{\quad}{\quad}=\frac{28}{36}=\frac{35}{45}=\frac{42}{54}$

17) $\frac{3}{7}=\frac{6}{14}=\frac{9}{21}=\frac{\quad}{\quad}=\frac{15}{35}=\frac{18}{42}$

18) $\frac{1}{3}=\frac{2}{6}=\frac{\quad}{\quad}=\frac{4}{12}=\frac{5}{15}=\frac{6}{18}$

19) $\frac{6}{7}=\frac{12}{14}=\frac{18}{21}=\frac{24}{28}=\frac{\quad}{\quad}=\frac{36}{42}$

20) $\frac{1}{9}=\frac{2}{18}=\frac{3}{27}=\frac{\quad}{\quad}=\frac{5}{45}=\frac{6}{54}$

Antworten

1. _____
2. _____
3. _____
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20. _____

Mathe

www.CommonCoreSheets.de

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Muster von äquivalenten Brüchen

Name: **Lösungsschlüssel**

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Antworten

1. $\frac{4}{28}$
2. $\frac{4}{10}$
3. $\frac{4}{8}$
4. $\frac{9}{24}$
5. $\frac{3}{15}$
6. $\frac{2}{12}$
7. $\frac{10}{15}$
8. $\frac{15}{27}$
9. $\frac{4}{14}$
10. $\frac{24}{30}$
11. $\frac{8}{32}$
12. $\frac{2}{8}$
13. $\frac{16}{28}$
14. $\frac{12}{36}$
15. $\frac{12}{30}$
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