

Liebe SchülerInnen fülle die Arbeitsblätter aus und gebe sie (als Worddokument /Scan/Foto) per Mail andrea.strohmaier@nms-schwanberg.at oder in Microsoft Teams ab bis zum 31.03.20 ab!

Unechte Brüche - gemischte Zahlen

Wandle in einen wertgleichen Bruch um! Beispiel: $3\frac{2}{7} = \frac{3 \times 7 + 2}{7} = \frac{23}{7}$; $\frac{11}{4} = 11 : 4 = 2R3 = 2\frac{3}{4}$

leicht

| | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| $5\frac{1}{2} =$ | $3\frac{3}{4} =$ | $4\frac{1}{2} =$ | $\frac{12}{7} =$ | $\frac{11}{3} =$ | $5\frac{1}{3} =$ | $2\frac{1}{7} =$ |
| $2\frac{1}{3} =$ | $1\frac{3}{4} =$ | $2\frac{5}{6} =$ | $\frac{3}{1} =$ | $\frac{9}{2} =$ | $\frac{11}{4} =$ | $\frac{13}{3} =$ |

schwer

| | | | | | |
|------------------|------------------|-------------------|------------------|-------------------|--------------------|
| $7\frac{3}{8} =$ | $6\frac{2}{9} =$ | $\frac{44}{5} =$ | $1\frac{19}{20}$ | $11\frac{4}{5} =$ | $\frac{67}{9} =$ |
| $\frac{27}{4} =$ | $\frac{55}{2} =$ | $9\frac{9}{10} =$ | $6\frac{2}{3} =$ | $5\frac{3}{4} =$ | $\frac{101}{10} =$ |

Lösungen: $\frac{99}{10}$ $\frac{20}{3}$ $\frac{23}{4}$ $\frac{17}{6}$ $\frac{7}{4}$ $\frac{4}{2}$ $1\frac{5}{7}$; $3\frac{2}{3}$; $\frac{9}{2}$ $10\frac{1}{10}$; $27\frac{1}{2}$ $6\frac{3}{4}$ $\frac{11}{2}$ $7\frac{4}{9}$;
 $4\frac{1}{2}$; $2\frac{3}{4}$; $\frac{59}{8}$ $\frac{56}{9}$ $\frac{59}{5}$ $\frac{15}{4}$ $\frac{16}{4}$ $\frac{7}{3}$ $8\frac{4}{5}$; $\frac{16}{3}$; $\frac{43}{10}$ $2\frac{1}{4}$ $4\frac{1}{3}$ $\frac{15}{7}$ $\frac{39}{20}$ 3

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K O P F R E C H N E N

Verbinde die Rechnungen mit den Lösungen. Schreibe die Lösungsbuchstaben in der vorgegebenen Reihenfolge in den Lösungssatz.

| | |
|-----------------------|----------------|
| 1. $17 + 14 =$ | 61 (S) |
| 2. $24 + 39 =$ | 88 (N) |
| 3. $25 + 47 =$ | 118 (M) |
| 4. $39 - 18 =$ | 31 (K) |
| 5. $96 - 23 =$ | 59 (C) |
| 6. $126 - 99 =$ | 89 (T) |
| 7. $157 - 98 =$ | 21 (F) |
| 8. $143 - 97 =$ | 127 (A) |
| 9. $48 + 14 + 12 =$ | 73 (R) |
| 10. $29 + 17 + 11 =$ | 69 (C) |
| 11. $35 + 28 + 25 =$ | 46 (H) |
| 12. $96 + 8 + 14 =$ | 27 (E) |
| 13. $23 - 9 + 11 =$ | 72 (P) |
| 14. $75 - 13 + 7 =$ | 168 (B) |
| 15. $38 + 3 - 6 =$ | 25 (A) |
| 16. $97 + 4 - 12 =$ | 63 (O) |
| 17. $69 - 14 + 6 =$ | 74 (N) |
| 18. $145 - 23 + 7 =$ | 129 (P) |
| 19. $167 - 22 - 18 =$ | 35 (H) |
| 20. $202 - 47 + 13 =$ | 57 (E) |

LÖSUNGSSATZ :

$\frac{\quad}{1}$ $\frac{\quad}{2}$ $\frac{\quad}{3}$ $\frac{\quad}{4}$ $\frac{\quad}{5}$ $\frac{\quad}{6}$ $\frac{\quad}{7}$ $\frac{\quad}{8}$ $\frac{\quad}{9}$ $\frac{\quad}{10}$ $\frac{\quad}{11}$
 $\frac{\quad}{12}$ $\frac{\quad}{13}$ $\frac{\quad}{14}$ $\frac{\quad}{15}$ $\frac{\quad}{16}$ $\frac{\quad}{17}$ $\frac{\quad}{18}$ $\frac{\quad}{19}$ $\frac{\quad}{20}$!

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Wandle ganze Zahlen in unechte Brüche um !

| | | | | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| $1 = \frac{\quad}{2}$ | $1 = \frac{\quad}{3}$ | $1 = \frac{\quad}{4}$ | $1 = \frac{\quad}{5}$ | $1 = \frac{\quad}{6}$ | $1 = \frac{\quad}{7}$ | $1 = \frac{\quad}{8}$ | $1 = \frac{\quad}{9}$ | $1 = \frac{\quad}{10}$ |
| $2 = \frac{\quad}{2}$ | $2 = \frac{\quad}{3}$ | $2 = \frac{\quad}{4}$ | $2 = \frac{\quad}{5}$ | $2 = \frac{\quad}{6}$ | $2 = \frac{\quad}{7}$ | $2 = \frac{\quad}{8}$ | $2 = \frac{\quad}{9}$ | $2 = \frac{\quad}{10}$ |
| $3 = \frac{\quad}{2}$ | $3 = \frac{\quad}{3}$ | $3 = \frac{\quad}{4}$ | $3 = \frac{\quad}{5}$ | $3 = \frac{\quad}{6}$ | $3 = \frac{\quad}{7}$ | $3 = \frac{\quad}{8}$ | $3 = \frac{\quad}{9}$ | $3 = \frac{\quad}{10}$ |
| $4 = \frac{\quad}{2}$ | $4 = \frac{\quad}{3}$ | $4 = \frac{\quad}{4}$ | $4 = \frac{\quad}{5}$ | $4 = \frac{\quad}{6}$ | $4 = \frac{\quad}{7}$ | $4 = \frac{\quad}{8}$ | $4 = \frac{\quad}{9}$ | $4 = \frac{\quad}{10}$ |
| $5 = \frac{\quad}{2}$ | $5 = \frac{\quad}{3}$ | $5 = \frac{\quad}{4}$ | $5 = \frac{\quad}{5}$ | $5 = \frac{\quad}{6}$ | $5 = \frac{\quad}{7}$ | $5 = \frac{\quad}{8}$ | $5 = \frac{\quad}{9}$ | $5 = \frac{\quad}{10}$ |
| $6 = \frac{\quad}{2}$ | $6 = \frac{\quad}{3}$ | $6 = \frac{\quad}{4}$ | $6 = \frac{\quad}{5}$ | $6 = \frac{\quad}{6}$ | $6 = \frac{\quad}{7}$ | $6 = \frac{\quad}{8}$ | $6 = \frac{\quad}{9}$ | $6 = \frac{\quad}{10}$ |
| $7 = \frac{\quad}{2}$ | $7 = \frac{\quad}{3}$ | $7 = \frac{\quad}{4}$ | $7 = \frac{\quad}{5}$ | $7 = \frac{\quad}{6}$ | $7 = \frac{\quad}{7}$ | $7 = \frac{\quad}{8}$ | $7 = \frac{\quad}{9}$ | $7 = \frac{\quad}{10}$ |
| $8 = \frac{\quad}{2}$ | $8 = \frac{\quad}{3}$ | $8 = \frac{\quad}{4}$ | $8 = \frac{\quad}{5}$ | $8 = \frac{\quad}{6}$ | $8 = \frac{\quad}{7}$ | $8 = \frac{\quad}{8}$ | $8 = \frac{\quad}{9}$ | $8 = \frac{\quad}{10}$ |
| $9 = \frac{\quad}{2}$ | $9 = \frac{\quad}{3}$ | $9 = \frac{\quad}{4}$ | $9 = \frac{\quad}{5}$ | $9 = \frac{\quad}{6}$ | $9 = \frac{\quad}{7}$ | $9 = \frac{\quad}{8}$ | $9 = \frac{\quad}{9}$ | $9 = \frac{\quad}{10}$ |
| $10 = \frac{\quad}{2}$ | $10 = \frac{\quad}{3}$ | $10 = \frac{\quad}{4}$ | $10 = \frac{\quad}{5}$ | $10 = \frac{\quad}{6}$ | $10 = \frac{\quad}{7}$ | $10 = \frac{\quad}{8}$ | $10 = \frac{\quad}{9}$ | $10 = \frac{\quad}{10}$ |



Viel Spaß!