

Übepaket
für die
3. Mathe -
schularbeit

Grundrechenarten und Proben

Rechne die Rechnung und mache die Probe dazu!

$$\begin{array}{r} 17342 \\ + 28459 \\ \hline \end{array}$$

P r o b e :

$$\begin{array}{r} 44770 \\ + 43360 \\ \hline \end{array}$$

P r o b e :

$$\begin{array}{r} 16502 \\ + 34553 \\ \hline \end{array}$$

P r o b e :

$$\begin{array}{r} 36200 \\ - 10843 \\ \hline \end{array}$$

P r o b e :

$$\begin{array}{r} 75325 \\ - 16058 \\ \hline \end{array}$$

P r o b e :

$$\begin{array}{r} 75280 \\ - 47541 \\ \hline \end{array}$$

P r o b e :

Grundrechenarten und Proben

Rechne die Rechnung und mache die Probe dazu!

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P r o b e :

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Grundrechenarten und Proben

Rechne die Rechnung und mache die Probe dazu!

$$5537 : 7 =$$

P r o b e :

$$4041 : 9 =$$

P r o b e :

$$5622 : 6 =$$

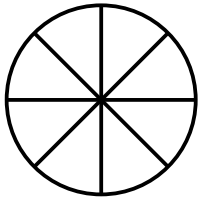
P r o b e :

$$3725 : 5 =$$

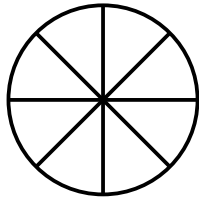
P r o b e :

Bruchrechnen

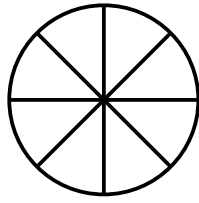
Male die richtigen Teile an!



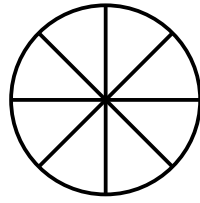
$\frac{1}{8}$



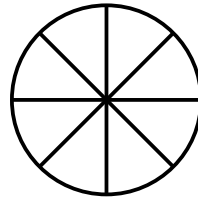
$\frac{3}{8}$



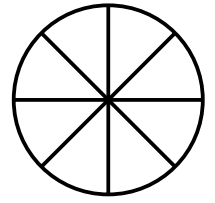
$\frac{5}{8}$



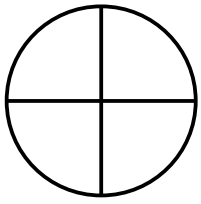
$\frac{7}{8}$



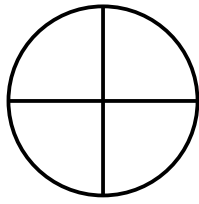
$\frac{8}{8}$



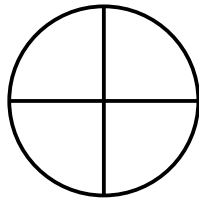
$\frac{2}{8}$



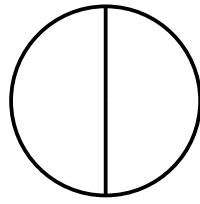
$\frac{1}{4}$



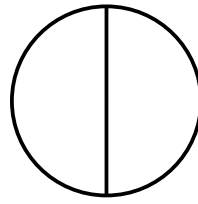
$\frac{3}{4}$



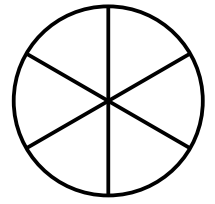
$\frac{2}{4}$



$\frac{2}{2}$

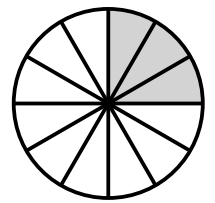
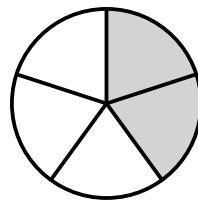
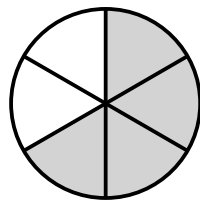
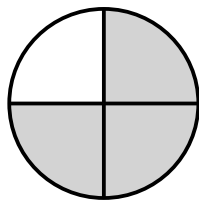
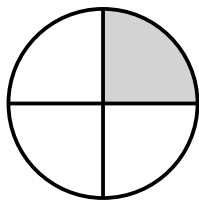
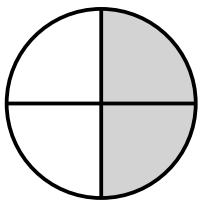
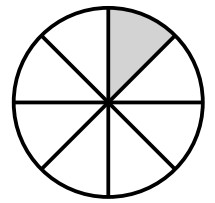
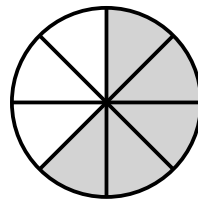
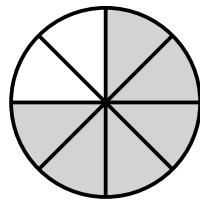
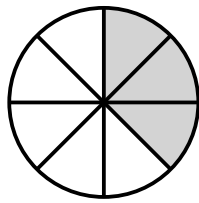
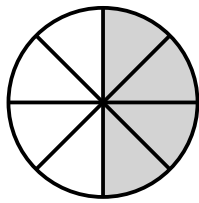
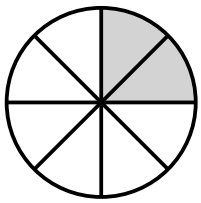


$\frac{1}{2}$



$\frac{4}{6}$

Schreibe die richtige Zahl unter den Bruchkreis!



Bruchrechnen

Ergänze auf 1!

$\frac{1}{4} +$

$= 1$

$\frac{4}{4} +$

$= 1$

$\frac{5}{8} +$

$= 1$

$\frac{2}{4} +$

$= 1$

$\frac{1}{8} +$

$= 1$

$\frac{7}{8} +$

$= 1$

$\frac{3}{4} +$

$= 1$

$\frac{3}{8} +$

$= 1$

$\frac{2}{8} +$

$= 1$

$\frac{1}{2} +$

$= 1$

$\frac{4}{8} +$

$= 1$

$\frac{6}{8} +$

$= 1$

Vergleiche die Brüche!

< > =

$\frac{1}{4} \bigcirc \frac{4}{8}$

$\frac{5}{8} \bigcirc \frac{1}{4}$

$\frac{3}{4} \bigcirc \frac{7}{8}$

$\frac{2}{4} \bigcirc \frac{1}{2}$

$\frac{3}{4} \bigcirc \frac{3}{8}$

$\frac{1}{4} \bigcirc \frac{2}{4}$

$\frac{4}{8} \bigcirc \frac{3}{8}$

$\frac{1}{2} \bigcirc \frac{5}{8}$

$\frac{2}{4} \bigcirc \frac{7}{8}$

$\frac{6}{8} \bigcirc \frac{3}{4}$

$\frac{5}{8} \bigcirc \frac{2}{4}$

$\frac{2}{4} \bigcirc \frac{4}{8}$

Bruchrechnen

Rechne Additionen und Subtraktionen mit Brüchen!

$$\frac{1}{4} + \frac{2}{4} =$$

$$\frac{4}{8} + \frac{2}{8} =$$

$$\frac{2}{8} + \frac{3}{4} =$$

$$\frac{3}{4} + \frac{1}{4} =$$

$$\frac{5}{8} + \frac{1}{8} =$$

$$\frac{1}{2} + \frac{1}{4} =$$

$$\frac{1}{4} + \frac{1}{4} =$$

$$\frac{1}{4} + \frac{2}{8} =$$

$$\frac{1}{2} + \frac{2}{8} =$$

$$\frac{1}{8} + \frac{3}{8} =$$

$$\frac{1}{2} + \frac{1}{8} =$$

$$\frac{2}{4} + \frac{3}{8} =$$

$$\frac{2}{4} - \frac{1}{4} =$$

$$\frac{7}{8} - \frac{3}{8} =$$

$$\frac{6}{8} - \frac{1}{4} =$$

$$\frac{4}{4} - \frac{1}{4} =$$

$$\frac{3}{4} - \frac{1}{4} =$$

$$\frac{5}{8} - \frac{1}{2} =$$

$$\frac{7}{8} - \frac{6}{8} =$$

$$\frac{2}{4} - \frac{1}{8} =$$

$$\frac{7}{8} - \frac{1}{4} =$$

$$\frac{2}{2} - \frac{1}{2} =$$

$$\frac{3}{4} - \frac{3}{8} =$$

$$\frac{1}{2} - \frac{1}{8} =$$

Bruchrechnen

Berechne die Zahl!

$$\frac{1}{4} \text{ von } 244 = \underline{\quad}$$

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$$\frac{1}{4} \text{ von } 728 = \underline{\quad}$$

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$$\frac{1}{2} \text{ von } 684 = \underline{\quad}$$

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$$\frac{1}{2} \text{ von } 962 = \underline{\quad}$$

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$$\frac{1}{8} \text{ von } 248 = \underline{\quad}$$

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$$\frac{1}{8} \text{ von } 848 = \underline{\quad}$$

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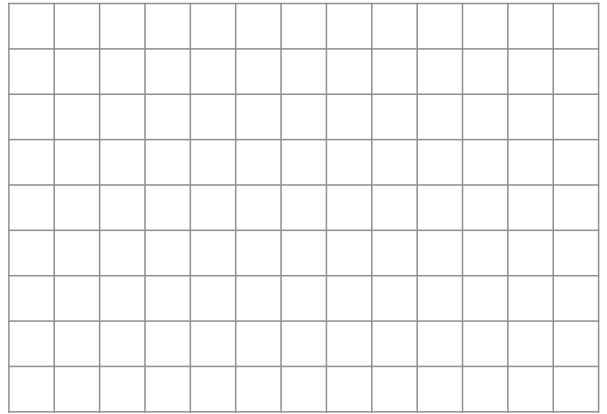
$$\frac{1}{8} \text{ von } 712 = \underline{\quad}$$

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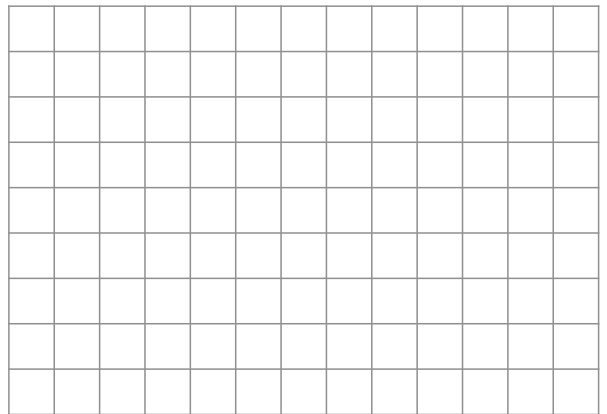
Bruchrechnen

Berechne die Zahl!

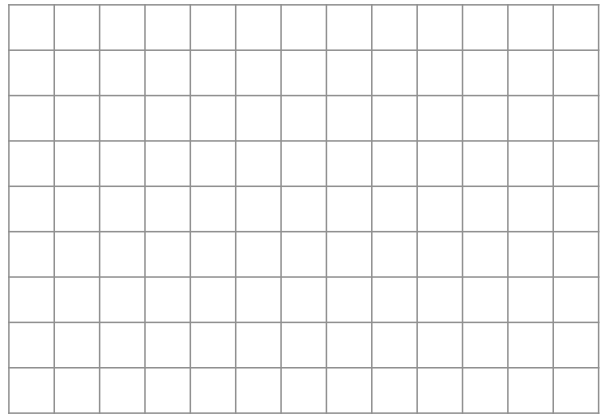
$$\frac{3}{4} \text{ von } 244 = \underline{\hspace{2cm}}$$



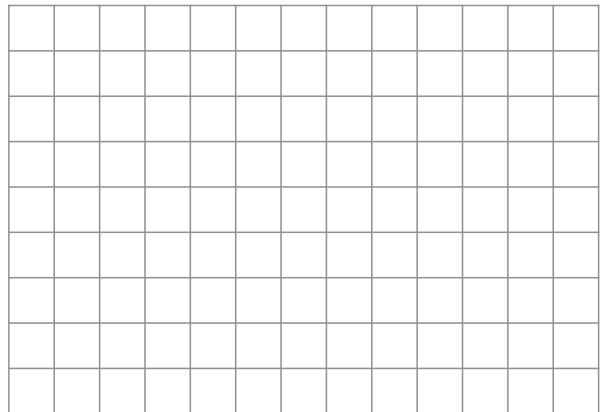
$$\frac{3}{8} \text{ von } 688 = \underline{\hspace{2cm}}$$



$$\frac{7}{8} \text{ von } 144 = \underline{\hspace{2cm}}$$

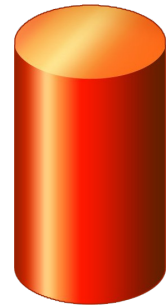
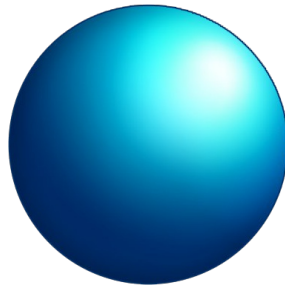
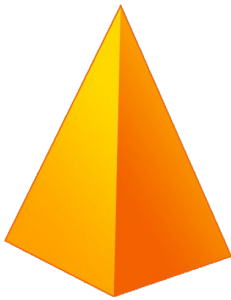
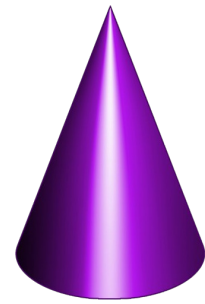
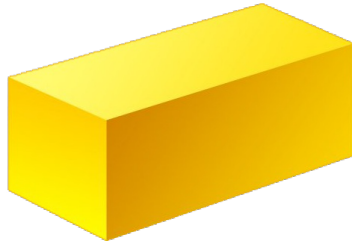
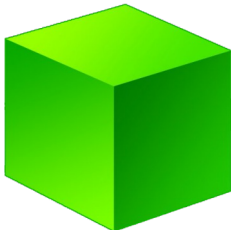


$$\frac{2}{4} \text{ von } 872 = \underline{\hspace{2cm}}$$

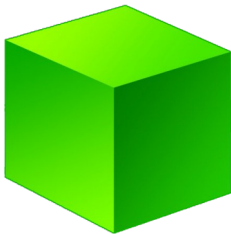


Körper

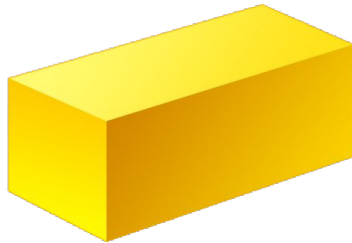
Wie heißen diese Körper?



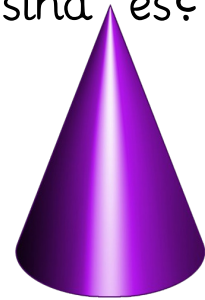
Wie viele Ecken, Kanten und Flächen sind es?



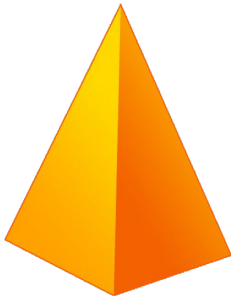
___ Ecken
___ Kanten
___ Flächen



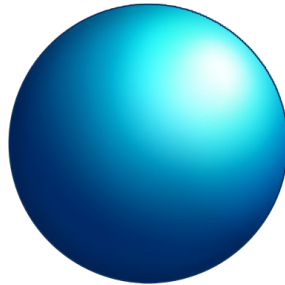
___ Ecken
___ Kanten
___ Flächen



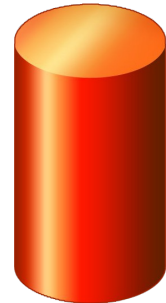
___ Ecken
___ Kanten
___ Flächen



___ Ecken
___ Kanten
___ Flächen



___ Ecken
___ Kanten
___ Flächen



___ Ecken
___ Kanten
___ Flächen

Körper

Welcher Körper ist gemeint?

Welcher Körper kann rollen?

Welcher Körper hat eine Spitze oben?

Welcher Körper hat 6 gleiche Flächen?

Welcher Körper hat 8 Ecken?

Welcher Körper hat einen Kreis als Grundfläche?

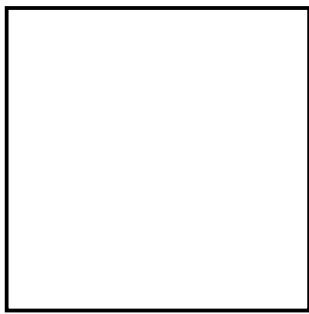
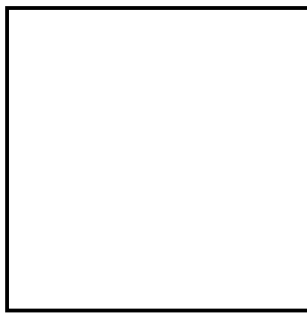
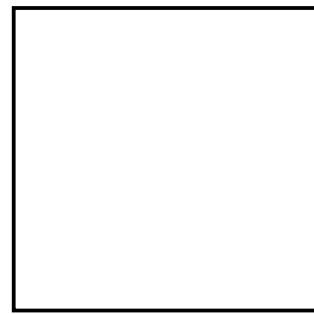
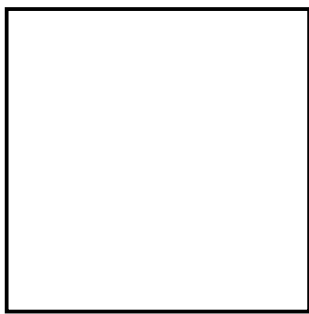
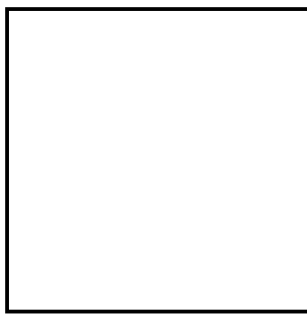
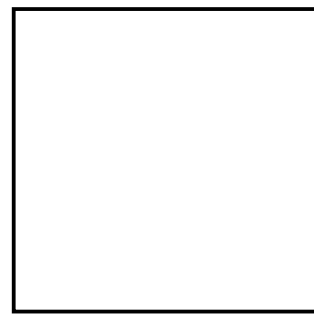
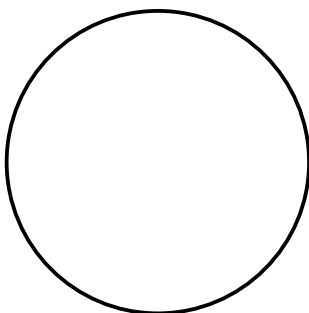
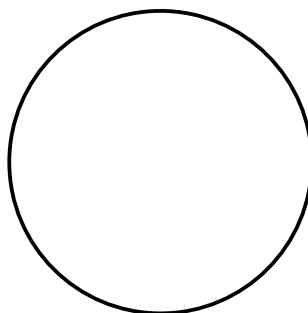
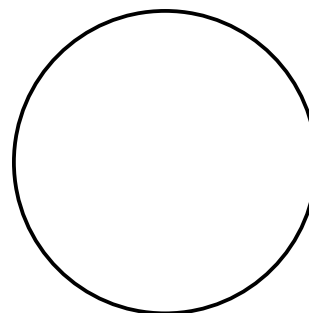
Welcher Körper hat ein Quadrat als Grundfläche?

Welcher Körper hat 4 Dreiecke als Flächen?

Welcher Körper besteht nur aus einer Fläche?

Bruchteile von Flächen

Zeichne die folgenden Brüche in den Flächen ein und färbe sie! Benutze das Lineal zum Zeichnen!

 $\frac{1}{8}$  $\frac{1}{4}$  $\frac{3}{8}$  $\frac{3}{4}$  $\frac{1}{8}$  $\frac{1}{2}$  $\frac{4}{8}$  $\frac{2}{4}$  $\frac{3}{8}$  $\frac{5}{8}$  $\frac{2}{4}$  $\frac{3}{4}$  $\frac{3}{8}$

Sachrechnen mit Brüchen

1. Papa kauft ein neues Auto. Das Auto kostet 7890 Euro. Die Hälfte kann er gleich bezahlen. Wie viel ist das?
2. Mama erntet 56kg Äpfeln. Ein Achtel verarbeitet sie zu Kompott? Wie viele kg bleiben ihr noch übrig?
3. Die Lehrerin hat 120 Arbeitsblätter übers Wochenende zu korrigieren. Am Freitag schafft sie ein Sechstel. Am Samstag schafft sie 30 Arbeitsblätter. Wie viele Blätter muss sie am Sonntag noch korrigieren?
4. Opa malt seinen 50 m langen Zaun neu an. Die Hälfte schafft er an einem Tag. Wie viel muss er am zweiten Tag streichen?
5. Lina hat häkeln gelernt. Für ein Werkstück muss sie 200cm häkeln. Ein Viertel schafft sie in der ersten Werkstunde. Drei Achtel schafft sie in der zweiten Werkstunde. Wie viel muss sie in der dritten Werkstunde noch häkeln?
6. Der Faschingsprinz verteilt beim Umzug 10000 Bonbons. Die Hälfte der Bonbons sind rot, ein Viertel der Bonbons sind grün. Wie viele Bonbons sind blau?
7. Oma ist 162cm groß. Opa ist 178cm groß. Papa misst die Hälfte von Oma und Opa zusammen. Vera ist nur ein Viertel so groß wie Oma und Opa zusammen. Wie groß ist Lisa?
8. Resi hat 12 Hühner. 1 Sechstel der Hühner ist weiß, 2 Sechstel sind schwarz, der Rest der Hühner ist braun. Wie viele sind das?