

SE STEJNÝM JMENOVATELEM

	<input type="checkbox"/> >	
$\frac{5}{8}$	<input type="checkbox"/> >	$\frac{3}{8}$
	<input type="checkbox"/> <	
$\frac{1}{3}$	<input type="checkbox"/> <	$\frac{2}{3}$
	<input type="checkbox"/> <	
$\frac{6}{9}$	<input type="checkbox"/> <	$\frac{7}{9}$
	<input type="checkbox"/> >	
$\frac{3}{4}$	<input type="checkbox"/> >	$\frac{2}{4}$

Jestliže mají zlomky stejného jmenovatele, je větší ten zlomek, který má větší číselník.

Porovnej zlomky.

	<input type="checkbox"/>	
$\frac{1}{2}$	<input type="checkbox"/>	$\frac{1}{2}$
	<input type="checkbox"/>	
$\frac{1}{3}$	<input type="checkbox"/>	$\frac{1}{3}$
	<input type="checkbox"/>	
$\frac{1}{5}$	<input type="checkbox"/>	$\frac{1}{5}$
	<input type="checkbox"/>	
$\frac{2}{6}$	<input type="checkbox"/>	$\frac{2}{6}$
	<input type="checkbox"/>	
$\frac{1}{3}$	<input type="checkbox"/>	$\frac{1}{3}$
	<input type="checkbox"/>	
$\frac{3}{8}$	<input type="checkbox"/>	$\frac{3}{8}$

Porovnávání zlomků se stejným jmenovatelem.

$\frac{2}{3}$	<input type="checkbox"/>	$\frac{1}{3}$	$\frac{2}{6}$	<input type="checkbox"/>	$\frac{3}{6}$	$\frac{4}{15}$	<input type="checkbox"/>	$\frac{5}{15}$
$\frac{3}{5}$	<input type="checkbox"/>	$\frac{2}{5}$	$\frac{1}{7}$	<input type="checkbox"/>	$\frac{4}{7}$	$\frac{7}{20}$	<input type="checkbox"/>	$\frac{7}{20}$
$\frac{4}{9}$	<input type="checkbox"/>	$\frac{6}{9}$	$\frac{5}{9}$	<input type="checkbox"/>	$\frac{5}{9}$	$\frac{17}{50}$	<input type="checkbox"/>	$\frac{8}{50}$
$\frac{3}{4}$	<input type="checkbox"/>	$\frac{3}{4}$	$\frac{4}{8}$	<input type="checkbox"/>	$\frac{7}{8}$	$\frac{12}{15}$	<input type="checkbox"/>	$\frac{14}{15}$
$\frac{7}{8}$	<input type="checkbox"/>	$\frac{3}{8}$	$\frac{6}{9}$	<input type="checkbox"/>	$\frac{3}{9}$	$\frac{17}{18}$	<input type="checkbox"/>	$\frac{12}{18}$
$\frac{2}{7}$	<input type="checkbox"/>	$\frac{6}{7}$	$\frac{1}{3}$	<input type="checkbox"/>	$\frac{2}{3}$	$\frac{6}{12}$	<input type="checkbox"/>	$\frac{1}{12}$
$\frac{5}{6}$	<input type="checkbox"/>	$\frac{2}{6}$	$\frac{1}{2}$	<input type="checkbox"/>	$\frac{2}{2}$	$\frac{8}{14}$	<input type="checkbox"/>	$\frac{13}{14}$
$\frac{9}{9}$	<input type="checkbox"/>	$\frac{9}{9}$	$\frac{4}{4}$	<input type="checkbox"/>	$\frac{3}{4}$	$\frac{15}{20}$	<input type="checkbox"/>	$\frac{15}{20}$
$\frac{1}{4}$	<input type="checkbox"/>	$\frac{3}{4}$	$\frac{6}{7}$	<input type="checkbox"/>	$\frac{3}{7}$	$\frac{12}{30}$	<input type="checkbox"/>	$\frac{5}{30}$
$\frac{8}{8}$	<input type="checkbox"/>	$\frac{8}{8}$	$\frac{4}{8}$	<input type="checkbox"/>	$\frac{6}{8}$	$\frac{19}{20}$	<input type="checkbox"/>	$\frac{9}{20}$

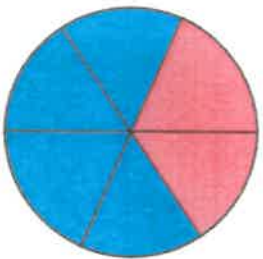
Porovnej. Ze dvou zlomků který máji různá jmenovatele a stejné číselník, je větší ten, který má větší jmenovatele.

Porovnej.

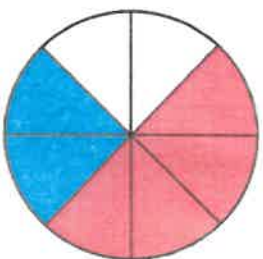
$\frac{1}{2}$	<input type="checkbox"/>	$\frac{1}{3}$	$\frac{1}{8}$	<input type="checkbox"/>	$\frac{1}{10}$		<input type="checkbox"/>	$\frac{1}{4}$
$\frac{1}{8}$	<input type="checkbox"/>	$\frac{1}{5}$	$\frac{1}{10}$	<input type="checkbox"/>	$\frac{1}{5}$	$\frac{1}{3} > \frac{1}{4}$	<input type="checkbox"/>	$\frac{1}{50}$
$\frac{1}{6}$	<input type="checkbox"/>	$\frac{1}{4}$	$\frac{1}{4}$	<input type="checkbox"/>	$\frac{1}{8}$		<input type="checkbox"/>	$\frac{1}{40}$
							<input type="checkbox"/>	$\frac{1}{30}$
							<input type="checkbox"/>	$\frac{1}{10}$

SCÍTÁNÍ ZLOMKU SE STEJNÝM JMENOVATELEM

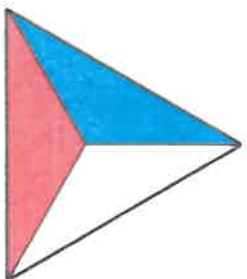
Zlomky se stejným jmenovatelem sčítáme tak, že čitatele zlomků sečteme a jmenovatele opíšeme.



$$\frac{4}{6} + \frac{2}{6} = \frac{6}{6} = 1$$



$$\frac{2}{8} + \frac{4}{8} = \frac{6}{8}$$



$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

19) Sčítej zlomky.

$$\frac{7}{20} + \frac{8}{20} = \frac{15}{20}$$

$$\frac{3}{8} + \frac{5}{8} = \frac{\quad}{\quad}$$

$$\frac{2}{3} + \frac{1}{3} = \frac{\quad}{\quad}$$

$$\frac{16}{20} + \frac{3}{20} = \frac{\quad}{\quad}$$

$$\frac{2}{5} + \frac{1}{5} = \frac{\quad}{\quad}$$

$$\frac{2}{6} + \frac{3}{6} = \frac{\quad}{\quad}$$

$$\frac{12}{20} + \frac{8}{20} = \frac{\quad}{\quad}$$

$$\frac{3}{9} + \frac{5}{9} = \frac{\quad}{\quad}$$

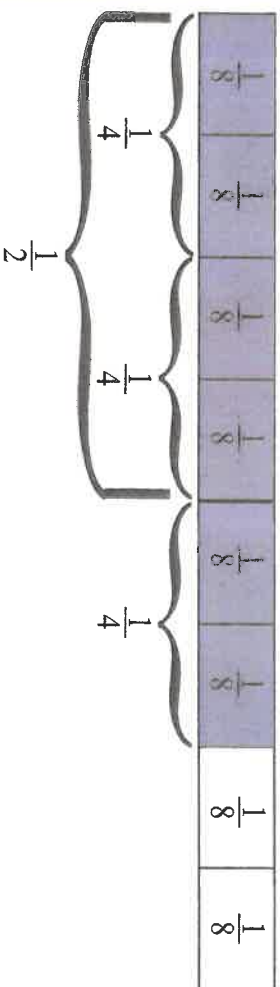
$$\frac{4}{10} + \frac{6}{10} = \frac{\quad}{\quad}$$

$$\frac{6}{20} + \frac{9}{20} = \frac{\quad}{\quad}$$

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

$$\frac{3}{7} + \frac{2}{7} = \frac{\quad}{\quad}$$

$$\frac{1}{2} + \frac{2}{8} = \frac{4}{8} + \frac{2}{8} = \frac{6}{8} = \frac{3}{4}$$



Sčítání zlomků se stejným jmenovatelem.

45

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

$$\frac{2}{7} + \frac{4}{7} = \frac{\quad}{\quad}$$

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

$$\frac{6}{12} + \frac{5}{12} = \frac{\quad}{\quad}$$

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

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

$$\frac{2}{3} + \frac{1}{3} = \frac{\quad}{\quad}$$

$$\frac{3}{5} + \frac{1}{5} = \frac{\quad}{\quad}$$

$$\frac{12}{18} + \frac{3}{18} = \frac{\quad}{\quad}$$

$$\frac{4}{9} + \frac{3}{9} = \frac{\quad}{\quad}$$

$$\frac{3}{7} + \frac{1}{7} = \frac{\quad}{\quad}$$

$$\frac{20}{57} + \frac{32}{57} = \frac{\quad}{\quad}$$

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

$$\frac{6}{12} + \frac{4}{12} = \frac{\quad}{\quad}$$

$$\frac{13}{42} + \frac{26}{42} = \frac{\quad}{\quad}$$

$$\frac{7}{10} + \frac{2}{10} = \frac{\quad}{\quad}$$

$$\frac{7}{15} + \frac{6}{15} = \frac{\quad}{\quad}$$

$$\frac{14}{32} + \frac{17}{32} = \frac{\quad}{\quad}$$

$$\frac{11}{15} + \frac{3}{15} = \frac{\quad}{\quad}$$

$$\frac{18}{50} + \frac{9}{50} = \frac{\quad}{\quad}$$

$$\frac{18}{24} + \frac{5}{24} = \frac{\quad}{\quad}$$

$$\frac{7}{14} + \frac{6}{14} = \frac{\quad}{\quad}$$

$$\frac{15}{60} + \frac{16}{60} = \frac{\quad}{\quad}$$

$$\frac{32}{70} + \frac{27}{70} = \frac{\quad}{\quad}$$

$$\frac{16}{25} + \frac{8}{25} = \frac{\quad}{\quad}$$

$$\frac{12}{34} + \frac{21}{34} = \frac{\quad}{\quad}$$

$$\frac{45}{90} + \frac{16}{90} = \frac{\quad}{\quad}$$

$$\frac{4}{11} + \frac{5}{11} = \frac{\quad}{\quad}$$

$$\frac{16}{44} + \frac{18}{44} = \frac{\quad}{\quad}$$

$$\frac{54}{80} + \frac{17}{80} = \frac{\quad}{\quad}$$

$$\frac{2}{7} + \frac{1}{7} + \frac{3}{7} = \frac{\quad}{\quad}$$

$$\frac{8}{30} + \frac{3}{30} + \frac{7}{30} + \frac{6}{30} = \frac{\quad}{\quad}$$

$$\frac{2}{5} + \frac{1}{5} + \frac{1}{5} = \frac{\quad}{\quad}$$

$$\frac{4}{10} + \frac{2}{10} + \frac{3}{10} + \frac{1}{10} = \frac{\quad}{\quad}$$

$$\frac{15}{35} + \frac{6}{35} + \frac{12}{35} + \frac{1}{35} = \frac{\quad}{\quad}$$

$$\frac{2}{9} + \frac{4}{9} + \frac{1}{9} = \frac{\quad}{\quad}$$

$$\frac{7}{30} + \frac{8}{30} + \frac{9}{30} + \frac{3}{30} = \frac{\quad}{\quad}$$

$$\frac{7}{35} + \frac{6}{35} + \frac{12}{35} + \frac{1}{35} = \frac{\quad}{\quad}$$

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

$$\frac{1}{30} + \frac{8}{30} + \frac{9}{30} + \frac{3}{30} = \frac{\quad}{\quad}$$

$$\frac{7}{30} + \frac{8}{30} + \frac{9}{30} + \frac{3}{30} = \frac{\quad}{\quad}$$

$$\frac{1}{6} + \frac{2}{6} + \frac{3}{6} = \frac{\quad}{\quad}$$

$$\frac{14}{45} + \frac{8}{45} + \frac{12}{45} + \frac{5}{45} = \frac{\quad}{\quad}$$

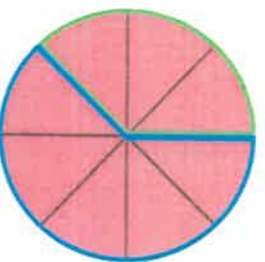
$$\frac{14}{45} + \frac{8}{45} + \frac{12}{45} + \frac{5}{45} = \frac{\quad}{\quad}$$

ODČÍTÁNÍ ZLOMKŮ SE STEJNÝM JMENOVATELEM

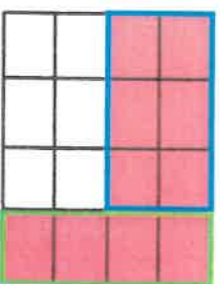
Zlomky se stejným jmenovatelem odčítáme tak, že čitatele zlomků odečteme a jmenovatele opíšeme.



$$\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$$



$$\frac{8}{8} - \frac{3}{8} = \frac{5}{8}$$



$$\frac{10}{16} - \frac{4}{16} = \frac{6}{16}$$

20 Odčítej zlomky.

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$$

$$\frac{4}{5} - \frac{2}{5} = \frac{\quad}{\quad}$$

$$\frac{5}{6} - \frac{3}{6} = \frac{\quad}{\quad}$$

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

$$\frac{6}{9} - \frac{2}{9} = \frac{\quad}{\quad}$$

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

$$\frac{7}{8} - \frac{5}{8} = \frac{\quad}{\quad}$$

$$\frac{6}{8} - \frac{2}{8} = \frac{\quad}{\quad}$$

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

$$\frac{5}{7} - \frac{4}{7} = \frac{\quad}{\quad}$$

$$\frac{8}{9} - \frac{6}{9} = \frac{\quad}{\quad}$$

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

$$\frac{2}{3} - \frac{1}{3} = \frac{\quad}{\quad}$$

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

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

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

$$\frac{14}{16} - \frac{2}{16} = \frac{\quad}{\quad}$$

$$\frac{16}{16} - \frac{8}{16} = \frac{\quad}{\quad}$$

$$\frac{15}{16} - \frac{5}{16} = \frac{\quad}{\quad}$$

$$\frac{12}{16} - \frac{7}{16} = \frac{\quad}{\quad}$$

$$\frac{10}{16} - \frac{8}{16} = \frac{\quad}{\quad}$$

$$\frac{11}{16} - \frac{1}{16} = \frac{\quad}{\quad}$$

$$\frac{13}{16} - \frac{7}{16} = \frac{\quad}{\quad}$$

$$\frac{8}{16} - \frac{4}{16} = \frac{\quad}{\quad}$$

Odčítání zlomků se stejným jmenovatelem.

$$\frac{7}{8} - \frac{5}{8} = \frac{\quad}{\quad}$$

$$\frac{6}{9} - \frac{4}{9} = \frac{\quad}{\quad}$$

$$\frac{5}{6} - \frac{4}{6} = \frac{\quad}{\quad}$$

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

$$\frac{4}{5} - \frac{3}{5} = \frac{\quad}{\quad}$$

$$\frac{6}{7} - \frac{5}{7} = \frac{\quad}{\quad}$$

$$\frac{2}{3} - \frac{1}{3} = \frac{\quad}{\quad}$$

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

$$\frac{8}{9} - \frac{3}{9} = \frac{\quad}{\quad}$$

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

$$\frac{18}{25} - \frac{13}{25} = \frac{\quad}{\quad}$$

$$\frac{25}{30} - \frac{18}{30} = \frac{\quad}{\quad}$$

$$\frac{32}{45} - \frac{12}{45} = \frac{\quad}{\quad}$$

$$\frac{16}{18} - \frac{7}{18} = \frac{\quad}{\quad}$$

$$\frac{25}{80} - \frac{9}{80} = \frac{\quad}{\quad}$$

$$\frac{9}{10} - \frac{6}{10} = \frac{\quad}{\quad}$$

$$\frac{73}{50} - \frac{17}{50} = \frac{\quad}{\quad}$$

$$\frac{36}{55} - \frac{19}{55} = \frac{\quad}{\quad}$$

$$\frac{42}{60} - \frac{18}{60} = \frac{\quad}{\quad}$$

$$\frac{31}{40} - \frac{12}{40} = \frac{\quad}{\quad}$$

$$\frac{37}{40} - \frac{19}{40} = \frac{\quad}{\quad}$$

$$\frac{68}{70} - \frac{39}{70} = \frac{\quad}{\quad}$$

$$\frac{75}{90} - \frac{20}{90} = \frac{\quad}{\quad}$$

$$\frac{49}{60} - \frac{12}{60} = \frac{\quad}{\quad}$$

$$\frac{74}{99} - \frac{51}{99} = \frac{\quad}{\quad}$$

$$\frac{12}{23} - \frac{11}{23} = \frac{\quad}{\quad}$$

$$\frac{18}{33} - \frac{13}{33} = \frac{\quad}{\quad}$$

$$\frac{12}{150} - \frac{8}{150} = \frac{\quad}{\quad}$$

$$\frac{130}{200} - \frac{42}{200} = \frac{\quad}{\quad}$$

$$\frac{83}{180} - \frac{52}{180} = \frac{\quad}{\quad}$$

$$\frac{52}{60} - \frac{6}{60} - \frac{10}{60} = \frac{\quad}{\quad}$$

$$\frac{70}{90} - \frac{15}{90} - \frac{15}{90} = \frac{\quad}{\quad}$$

$$\frac{17}{25} - \frac{8}{25} - \frac{4}{25} = \frac{\quad}{\quad}$$

$$\frac{8}{9} - \frac{3}{9} - \frac{4}{9} = \frac{\quad}{\quad}$$

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

$$\frac{15}{20} - \frac{3}{20} - \frac{7}{20} - \frac{2}{20} = \frac{\quad}{\quad}$$

$$\frac{16}{18} - \frac{5}{18} - \frac{4}{18} - \frac{3}{18} = \frac{\quad}{\quad}$$

$$\frac{72}{90} - \frac{14}{90} - \frac{20}{90} - \frac{15}{90} = \frac{\quad}{\quad}$$

$$\frac{35}{40} - \frac{5}{40} - \frac{15}{40} - \frac{9}{40} = \frac{\quad}{\quad}$$

$$\frac{60}{70} - \frac{18}{70} - \frac{25}{70} - \frac{7}{70} = \frac{\quad}{\quad}$$