

Grade 7 Worksheet 46 page 122	Grade 7 Worksheet 46 page 123
<p>1a. $\frac{3}{4}, \frac{4}{4}$ b. $\frac{4}{9}, \frac{5}{9}, \frac{6}{9}, \frac{7}{9}, \frac{8}{9}$ c. $\frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{7}{11}, \frac{8}{11}, \frac{9}{11}, \frac{10}{11}$ d. $\frac{4}{5}$ e. $\frac{4}{6}, \frac{5}{6}$ f. $\frac{4}{8}, \frac{5}{8}, \frac{6}{8}, \frac{7}{8}, \frac{8}{8}$</p> <p>2a. $\frac{1}{5}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}$ b. $\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \frac{4}{7}, \frac{5}{7}, \frac{6}{7}$ c. $\frac{1}{11}, \frac{2}{11}, \frac{3}{11}, \frac{4}{11}, \frac{5}{11}, \frac{6}{11}, \frac{7}{11}, \frac{8}{11}, \frac{9}{11}, \frac{10}{11}$ d. $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$ e. $\frac{1}{14}, \frac{2}{14}, \frac{3}{14}, \frac{4}{14}, \frac{5}{14}, \frac{6}{14}, \frac{7}{14}, \frac{8}{14}, \frac{9}{14}, \frac{10}{14}, \frac{11}{14}, \frac{12}{14}, \frac{13}{14}$</p>	<p>3a. $\frac{2}{10}, \frac{3}{10}, \frac{4}{10}$ b. $\frac{1}{20}, \frac{2}{20}, \frac{3}{20}, \frac{4}{20}, \frac{5}{20}, \frac{6}{20}, \frac{7}{20}, \frac{8}{20}, \frac{9}{20}$ c. $\frac{4}{15}, \frac{5}{15}, \frac{6}{15}, \frac{7}{15}, \frac{8}{15}, \frac{9}{15}, \frac{10}{15}$ d. $\frac{1}{100}, \frac{2}{100}, \frac{3}{100}, \frac{4}{100}, \frac{5}{100}, \frac{6}{100}, \frac{7}{100}, \frac{8}{100}$ e. $\frac{10}{50}, \frac{11}{50}, \frac{12}{50}$</p> <p>4a. $0; \frac{1}{3}, \frac{2}{3}; 1; 1\frac{1}{3}, 1\frac{2}{3}$ b. $0; \frac{1}{5}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}; 1; 1\frac{1}{5}, 1\frac{2}{5}, 1\frac{3}{5}, 1\frac{4}{5}; 2$ c. $0; \frac{1}{8}, \frac{2}{8}, \frac{3}{8}, \frac{4}{8}, \frac{5}{8}, \frac{6}{8}, \frac{7}{8}; 1; 1\frac{1}{8}, 1\frac{2}{8}, 1\frac{3}{8}, 1\frac{4}{8}, 1\frac{5}{8}, 1\frac{6}{8}, 1\frac{7}{8}; 2$ d. $0; \frac{1}{2}, 1; 1\frac{1}{2}; 2$ e. $0; \frac{1}{4}, \frac{2}{4}, \frac{3}{4}; 1; 1\frac{1}{4}, 1\frac{2}{4}, 1\frac{3}{4}; 2; 2\frac{1}{4}, 2\frac{2}{4}, 2\frac{3}{4}$ f. The number lines in question 4 differ because it forms mixed numbers and the number lines in question 2 only go up to 1.</p> <p>5a. Proper fraction b. Improper fraction c. Mixed number d. Improper fraction e. Proper fraction f. Improper fraction</p> <p>6. Note that learners may write any fraction for each category. Possible answers:</p> <p>a. $\frac{2}{3}, \frac{3}{7}, \frac{5}{9}, \frac{8}{10}, \frac{4}{6}$ b. $\frac{6}{4}, \frac{9}{5}, \frac{7}{2}, \frac{10}{3}, \frac{8}{6}$ c. $1\frac{4}{6}, 1\frac{2}{3}, 1\frac{8}{10}, 2\frac{3}{7}, 3\frac{5}{9}$</p>
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<p>Note that learners may write any relevant fraction in question 1-3. Possible answers</p> <p>1a. $\frac{2}{4}$ b. $\frac{2}{14}$ c. $\frac{2}{12}$ d. $\frac{2}{20}$ e. $\frac{2}{24}$ f. $\frac{2}{6}$</p> <p>2a. $\frac{1}{2}$ b. $\frac{6}{8}$ c. $\frac{2}{7}$ d. $\frac{4}{5}$ e. $\frac{2}{5}$ f. $\frac{8}{10}$</p> <p>3a. $\div 2$ b. $\times 2$ c. $\div 2$ d. $\div 2$ e. $\div 2$ f. $\times 2$</p>	<p>4. Note that learners may write any relevant fractions. Possible answers:</p> <p>a. $\frac{3}{2}, 1\frac{2}{4}, 1\frac{3}{6}$ b. $\frac{11}{3}, 3\frac{4}{6}, 3\frac{6}{9}$ c. $\frac{9}{2}, 4\frac{2}{4}, 4\frac{3}{6}$ d. $\frac{19}{3}, 6\frac{2}{6}, 6\frac{3}{9}$ e. $\frac{11}{4}, 2\frac{6}{8}, 2\frac{9}{12}$ f. $\frac{14}{5}, 2\frac{8}{10}, 2\frac{12}{15}$</p>
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<p>1a. 1 b. 1 c. 6 d. 3 e. 1 f. 1</p>	<p>2a. $\frac{1}{3}$ b. $\frac{3}{5}$ c. $\frac{1}{3}$ d. $\frac{1}{3}$ e. $\frac{1}{9}$ f. $\frac{1}{2}$</p> <p>3a. Numerator; denominator; common factor. b. Note that learners may write any fractions that</p>

	can be simplified. Possible answers: $\frac{2}{100}, \frac{2}{14}, \frac{4}{6}, \frac{8}{10}, \frac{50}{100}$																					
Grade 7 Worksheet 49 page 128	Grade 7 Worksheet 49 page 129																					
1a. $1\frac{1}{5}$ b. $1\frac{2}{9}$ c. $\frac{1}{4}$ d. $1\frac{2}{10} = 1\frac{1}{5}$ e. $1\frac{2}{6} = 1\frac{1}{3}$ f. $1\frac{4}{7}$	2a. $\frac{3}{4}$ b. $\frac{3}{10}$ c. $\frac{3}{6} = \frac{1}{3}$ d. $\frac{3}{8}$ e. $\frac{9}{20}$ f. $\frac{5}{6}$ 3. - Add the numerators of the fractions together but keep the denominators as it is. - Multiply the numbers with each other so that the denominators are the same and multiply the numerators with the same number that you multiplied the denominators with.																					
Grade 7 Worksheet 50 page 130	Grade 7 Worksheet 50 page 131																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 45%; text-align: center;">Plus</th> <th style="width: 50%; text-align: center;">Multiply</th> </tr> </thead> <tbody> <tr> <td>1a.</td> <td style="text-align: center;">$\frac{7}{12}$</td> <td style="text-align: center;">$\frac{1}{24}$</td> </tr> <tr> <td>b.</td> <td style="text-align: center;">$\frac{13}{22}$</td> <td style="text-align: center;">$\frac{1}{22}$</td> </tr> <tr> <td>c.</td> <td style="text-align: center;">$\frac{2}{3}$</td> <td style="text-align: center;">$\frac{1}{9}$</td> </tr> <tr> <td>d.</td> <td style="text-align: center;">$\frac{9}{20}$</td> <td style="text-align: center;">$\frac{1}{20}$</td> </tr> <tr> <td>e.</td> <td style="text-align: center;">$\frac{7}{20}$</td> <td style="text-align: center;">$\frac{2}{40} = \frac{1}{20}$</td> </tr> <tr> <td>f.</td> <td style="text-align: center;">$\frac{11}{30}$</td> <td style="text-align: center;">$\frac{1}{30}$</td> </tr> </tbody> </table>		Plus	Multiply	1a.	$\frac{7}{12}$	$\frac{1}{24}$	b.	$\frac{13}{22}$	$\frac{1}{22}$	c.	$\frac{2}{3}$	$\frac{1}{9}$	d.	$\frac{9}{20}$	$\frac{1}{20}$	e.	$\frac{7}{20}$	$\frac{2}{40} = \frac{1}{20}$	f.	$\frac{11}{30}$	$\frac{1}{30}$	2a. $\frac{1}{12}$ b. $\frac{1}{40}$ c. $\frac{1}{24}$ d. $\frac{1}{36}$ e. $\frac{1}{30}$ f. $\frac{1}{90}$ 3. Note that the learners may write down any fractions that will give the answer $\frac{1}{32}$ when multiplied together. Possible answer: Two fractions: $\frac{1}{16} \times \frac{1}{2} = \frac{1}{32}$ Three fractions: $\frac{1}{2} \times \frac{1}{4} \times \frac{1}{4} = \frac{1}{32}$ 4. The denominator increase by one each time and when multiplied, the numerator stays one.
	Plus	Multiply																				
1a.	$\frac{7}{12}$	$\frac{1}{24}$																				
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