

## Memorandum

**HR 2 (Die doel van die oefening is om vinnige vermenigvuldiging toe te pas.)**

**Onthou as jy enige getal vermenigvuldig met 0 bly die antwoord 0.**

- $5 \times 10 = 50$  (sit net 'n 0 by)
- $5 \times 100 = 500$  (sit net 2 nulle by)
- $5 \times 1\,000 = 5\,000$  (sit net 3 nulle by)
- $5 \times 10\,000 = 50\,000$  (sit net 4 nulle by)

1.  $9 \times 5 = \underline{45}$
  2.  $9 \times 50 = \underline{450}$
  3.  $9 \times 500 = \underline{4\,500}$
  4.  $90 \times 5\,000 = \underline{450\,000}$
  5.  $900 \times 500 = \underline{450\,000}$
  6.  $9 \times 0 \times 5 = \underline{0}$
  7.  $90 \times 50 \times 0 = \underline{0}$
  8.  $509 \times 100 = \underline{50\,900}$
  9.  $9 \times 9 = \underline{81}$
  10.  $900 \times 9\,000 = \underline{8\,100\,000}$
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**HR 3 (Die doel van die oefening is om omgekeerde bewerkings aan te dui bv. jy kan 'n + som toets deur 'n – som en jy kan 'n x som toets deur 'n ÷ som. Die oefening toets ook vermenigvuldiging.)**

1. As  $3\,005 + 5\,600 = 8\,605$  dan is  $8\,605 - 5\,600 = \underline{3\,005}$
2. As  $50\,034 - 3\,000 = 47\,034$  dan is  $47\,034 + 3\,000 = \underline{50\,034}$
3. As  $30 \times 450 = 13\,500$  dan is  $13\,500 \div 30 = \underline{450}$
4. As  $12\,480 \div 16 = 780$  dan is  $780 \times 16 = \underline{12\,480}$
5.  $10 \times 8 = \underline{80}$
6.  $4 \times 8 = \underline{32}$
7.  $14 \times 8 = \underline{112}$

8.  $112 \div 8 = \underline{14}$

9.  $14 \times 80 = \underline{1\ 120}$

10.  $14 \times 800 = \underline{11\ 200}$

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**HR 4 (Die doel van die oefening is om die produkte van spesifieke getalle te vind, deur gebruik te maak van die getal se faktore.)**

**(Onthou jy moenie 1 of die getal self gebruik nie)**

1.  $6 \times 8 = 48$  of  $4 \times 12 = 48$  of  $2 \times 24 = 48$  of  $3 \times 16 = 48$

2.  $10 \times 10 = 100$  of  $50 \times 2 = 100$  of  $20 \times 5 = 100$  of  $4 \times 25 = 100$

3.  $4 \times 4 = 16$  of  $8 \times 2 = 16$

4.  $26 \times 2 = 52$  of  $4 \times 13 = 52$

5.  $19 \times 5 = 95$

6.  $11 \times 7 = 77$

7.  $9 \times 5 = 45$  of  $3 \times 15 = 45$

8.  $2 \times 17 = 34$

9.  $10 \times 8 = 80$  of  $20 \times 4 = 80$  of  $2 \times 40 = 80$  of  $5 \times 16 = 80$

10.  $26 \times 10 = 260$  of  $2 \times 130 = 260$  of  $4 \times 65 = 260$  of  $5 \times 52 = 260$  of  $13 \times 20 = 260$

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**HR 5 (Die doel van die oefening is om optel en aftrek van breuke te gebruik.)**

1.  $1; 1\frac{1}{4}; 1\frac{2}{4}; 1\frac{3}{4}; 2; 2\frac{1}{4}; 2\frac{2}{4}; 2\frac{3}{4}; 3.$

2.  $6\frac{1}{8}; 6\frac{2}{8}; 6\frac{3}{8}; 6\frac{4}{8}; 6\frac{5}{8}; 6\frac{6}{8}; 6\frac{7}{8}; 7; 7\frac{1}{8}; 7\frac{2}{8}$

3.  $2\frac{3}{10}; 2\frac{4}{10}; 2\frac{5}{10}; 2\frac{6}{10}; 2\frac{7}{10}; 2\frac{8}{10}; 2\frac{9}{10}; 3$

4.  $9; 8\frac{9}{10}; 8\frac{8}{10}; 8\frac{7}{10}; 8\frac{6}{10}; 8\frac{5}{10}; 8\frac{4}{10}; 8\frac{3}{10}; 8\frac{2}{10}; 8\frac{1}{10}; 8$

5.  $\frac{3}{10} + \frac{7}{10} = \frac{10}{10}$

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

7.  $\frac{1}{8} + \frac{5}{8} = \frac{6}{8}$

$$8. \frac{7}{10} - \frac{3}{10} = \frac{4}{10}$$

$$9. \frac{5}{10} - \frac{2}{10} = \frac{3}{10}$$

$$10. \frac{3}{16} + \frac{5}{16} = \frac{8}{16}$$

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