

Werkkaart 2015-6AA-00003

GETALPATRONE

Faktore: Dit is getalle wat in ander getalle kan indeel sonder dat daar 'n res oorbly.
(MEER INLIGTING IS BY DIE AGTERGRONDKENNIS)

(1) Bereken die faktore van die volgende getalle deur die maaltafels te gebruik.

(a) 20	(b) 28	(c) 32
1 x 20	1 x 28	1 x 32
2 x 10	2 x 14	2 x 16
4 x 5	4 x 7	4 x 8
F_{20} : 1, 2, 4, 5, 10, 20	F_{28} : 1, 2, 4, 7, 14, 28	F_{32} : 1, 2, 4, 8, 16, 32

(d) 36	(e) 24	(f) 100
1 x 36	1 x 24	1 x 100
2 x 18	2 x 12	2 x 50
3 x 12	3 x 8	4 x 20
4 x 6	4 x 6	5 x 25
6 x 6		10 x 10

F_{36} : **1, 2, 3, 6, 12, 18, 36** F_{24} : **1, 2, 3, 4, 6, 8, 12, 24** F_{100} : **1, 2, 4, 5, 10, 20, 25, 50, 100**

(2) Skryf die faktore van die volgende getalle neer sonder om die tafels uit te skryf.

- (a) F_{54} : **1, 2, 3, 6, 9, 18, 27, 54**
- (b) F_{72} : **1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72**
- (c) F_{48} : **1, 2, 3, 4, 6, 8, 12, 16, 24, 48**
- (d) F_{60} : **1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60**
- (e) F_{70} : **1, 2, 5, 7, 10, 14, 35, 70**

(3) Vul die faktore in wat uitgelaat is.

 $F_{32}:$

1	2	<u>4</u>	8	<u>16</u>	32
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 $F_{90}:$

1	2	3	5	6	<u>9</u>	<u>10</u>	<u>15</u>	<u>18</u>	<u>30</u>	<u>45</u>	90
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 $F_{50}:$

1	2	5	<u>10</u>	<u>25</u>	50
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 $F_{80}:$

<u>1</u>	2	4	<u>5</u>	<u>8</u>	<u>10</u>	<u>16</u>	<u>20</u>	<u>40</u>	80
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 $F_{54}:$

1	2	<u>3</u>	<u>6</u>	<u>9</u>	<u>18</u>	<u>27</u>	54
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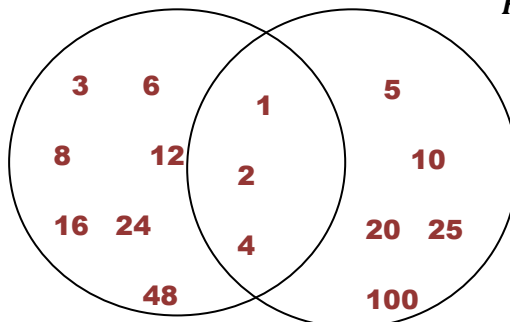
(4) Skryf die faktore neer en voltooi die sirkels om die GGF te bereken.

(a) $F_{48}:$ 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

$F_{100}:$ 1, 2, 4, 5, 10, 20, 25, 100

$F_{48}:$

$F_{100}:$



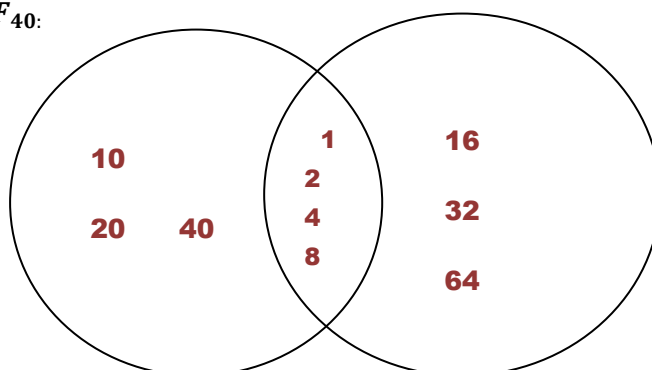
GF: 4

(b) $F_{40}:$ 1, 2, 4, 5, 8, 10, 20, 40

$F_{64}:$ 1, 2, 4, 8, 16, 32, 64

$F_{40}:$

$F_{64}:$



GF: 8