## Exercise very busy expressions

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| $n$ | IN[n] | OUT[n] |
| :--- | :--- | :--- |
| 1 | -- | $\{f-e\}$ |
| 2 | $\{f-e\}$ | $\{f-e\}$ |
| 3 | $\left\{e^{* f}, \mathrm{f}-\mathrm{e}\right\}$ | $\{\mathrm{f}-\mathrm{e}\}$ |
| 4 | $\{\mathrm{f}-\mathrm{e}\}$ | $\emptyset$ |
| 5 | $\{\mathrm{f}-\mathrm{e}\}$ | $\emptyset$ |
| 6 | $\emptyset$ | $\left\{e^{*} \mathrm{f}\right\}$ |
| 7 | $\emptyset$ | $\emptyset$ |
| 8 | $\left\{e^{*} \mathrm{f}\right\}$ | $\emptyset$ |
| 9 | $\emptyset$ | -- |

Suggestion for the exam: make sure to check whether this matches the 'intuitive' definition of a very busy expression. This allows for an easy check of the results.

