

# Dividieren mit Variablen

Arbeitsblatt

## Level I:

|    |                |     |                  |
|----|----------------|-----|------------------|
| 1. | $45a : 9 =$    | 6.  | $54f : 9f =$     |
| 2. | $27b : 9 =$    | 7.  | $75gh : 5gh =$   |
| 3. | $120cd : 40 =$ | 8.  | $36k : 12k =$    |
| 4. | $60e : 12 =$   | 9.  | $300qr : 10qr =$ |
| 5. | $72mn : 8 =$   | 10. | $99h : 11h =$    |

## Level II:

|    |                   |     |                   |
|----|-------------------|-----|-------------------|
| 1. | $85xy : 5x =$     | 6.  | $15ef : 2,5f =$   |
| 2. | $72ab : 8a =$     | 7.  | $9,2gh : 2g =$    |
| 3. | $110efg : 11eg =$ | 8.  | $12xyz : 0,5xz =$ |
| 4. | $66abc : 3b =$    | 9.  | $9,9kmn : 3km =$  |
| 5. | $28kmn : 4mn =$   | 10. | $17,5rst : 5t =$  |

## Level III:

|    |                       |     |                        |
|----|-----------------------|-----|------------------------|
| 1. | $(-16xyz) : 4x =$     | 6.  | $8,4xy : 6y =$         |
| 2. | $121ef : (-11f) =$    | 7.  | $(-5,4efg) : (-0,9) =$ |
| 3. | $(-72abc) : (-8bc) =$ | 8.  | $32,2abc : (-7ac) =$   |
| 4. | $(-32kmn) : 8m =$     | 9.  | $(-6,5mn) : 5m =$      |
| 5. | $250xyz : (-25) =$    | 10. | $(-4,4xyz) : 2y =$     |

## Lösungen:

|          |         |          |        |      |        |         |        |         |        |
|----------|---------|----------|--------|------|--------|---------|--------|---------|--------|
| 3        | $1,4x$  | $3,3n$   | $5e$   | $9b$ | $6efg$ | 6       | $22ac$ | $30cd$  | $-11e$ |
| $-2,2xz$ | $3b$    | $7k$     | $-4yz$ | $5a$ | $10f$  | 9       | 15     | $6e$    | 30     |
| $17y$    | $-1,3n$ | $-10xyz$ | $4,6h$ | $9a$ | $9mn$  | $3,5rs$ | $24y$  | $-4,6b$ | $-4km$ |

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