

Prénom : _____

Date : ____/____/____

masses 2

1. Complète le tableau

kg	hg	dag	g	dg	cg	mg
kilogramme	hectogramme	décagramme	gramme	décigramme	centigramme	milligramme

2. Convertis les masses

$1 \text{ g } 7\text{cg} = 17 \text{ cg}$

$7\text{cg} = 70 \text{ mg}$

$10\text{g } 5\text{dg} = 105 \text{ dg}$

$10 \text{ dg } 9\text{cg} = 109 \text{ cg}$

$3\text{dg } 4 \text{ cg } 7\text{mg} = 347\text{mg}$

$1\text{g } 3\text{dg} = 1\ 300 \text{ mg}$

$1 \text{ dag } 4 \text{ g} = 14 \text{ g}$

$4\text{dag} = 4\ 000 \text{ cg}$

$17\text{dag} = 1\ 700 \text{ dg}$

$1 \text{ kg } 3 \text{ g} = 1\ 003 \text{ g}$

$1 \text{ hg } 2 \text{ g} = 102 \text{ g}$

$1 \text{ dag } 4 \text{ g} = 14 \text{ g}$

3. Convertis les masses

$1 \text{ g} = 10 \text{ dg}$

$1\text{dag} = 10 \text{ g}$

$1\text{cg} = 10 \text{ mg}$

$1 \text{ g} = 1\ 000 \text{ mg}$

$1\text{Kg} = 1\ 000 \text{ g}$

$1\text{dg} = 10 \text{ cg}$

$1 \text{ g} = 10 \text{ dg}$ répétition

$1\text{hg} = 100\ 000 \text{ mg}$

$1\text{dg} = \dots\dots\dots\text{m}$ erreur !

4. Additionne les masses

$2 \text{ g} + 56 \text{ cg} = 200 \text{ cg} + 56 \text{ cg} = 256 \text{ cg}$

$13 \text{ cg} + 20 \text{ mg} = 130 \text{ mg} + 20\text{mg} = 150\text{mg}$
 15 cg

$13 \text{ cg} + 48 \text{ mg} = 130 \text{ mg} + 48 \text{ mg} = 178 \text{ mg}$

$1 \text{ g} + 27 \text{ cg} = 100 \text{ cg} + 27 \text{ cg} = 127 \text{ cg}$

$2 \text{ kg} + 5600 \text{ g} = 2\ 000 \text{ g} + 5\ 600 \text{ g} = 7\ 600\text{g}$
 $7 \text{ kg et } 600 \text{ g}$

$13 \text{ g} + 2000 \text{ mg} = 13\ 000 \text{ mg} + 2\ 000\text{mg} = 15\ 000 \text{ mg} = 15 \text{ g}$

$13 \text{ g} + 48 \text{ mg} = 13\ 048 \text{ mg}$
 $13\ 000 \text{ mg} + 48 \text{ mg}$

$100 \text{ mg} + 27 \text{ cg} = 100\text{mg} + 270 \text{ mg} = 370 \text{ mg}$
 $= 37 \text{ cg}$

5. Compare les masses

$2 \text{ g} = 200\text{cg} > 153 \text{ cg}$

$25 \text{ dg} = 2\ 500 \text{ mg} > 230 \text{ mg}$

$25 \text{ dg} < 3 \text{ g} = 30 \text{ dg}$

$2\ 526 \text{ mg} < 3 \text{ g} = 3000 \text{ mg}$

$2\ 526 \text{ mg} < 560 \text{ cg} = 5\ 600 \text{ mg}$

$250 \text{ mg} < 2500 \text{ mg}$

$2526 \text{ g} > 2\text{kg et } 298\text{g} = 2\ 298 \text{ g}$

$25\ 000 \text{ mg} = 25 \text{ g} (= 25\ 000 \text{ mg})$



