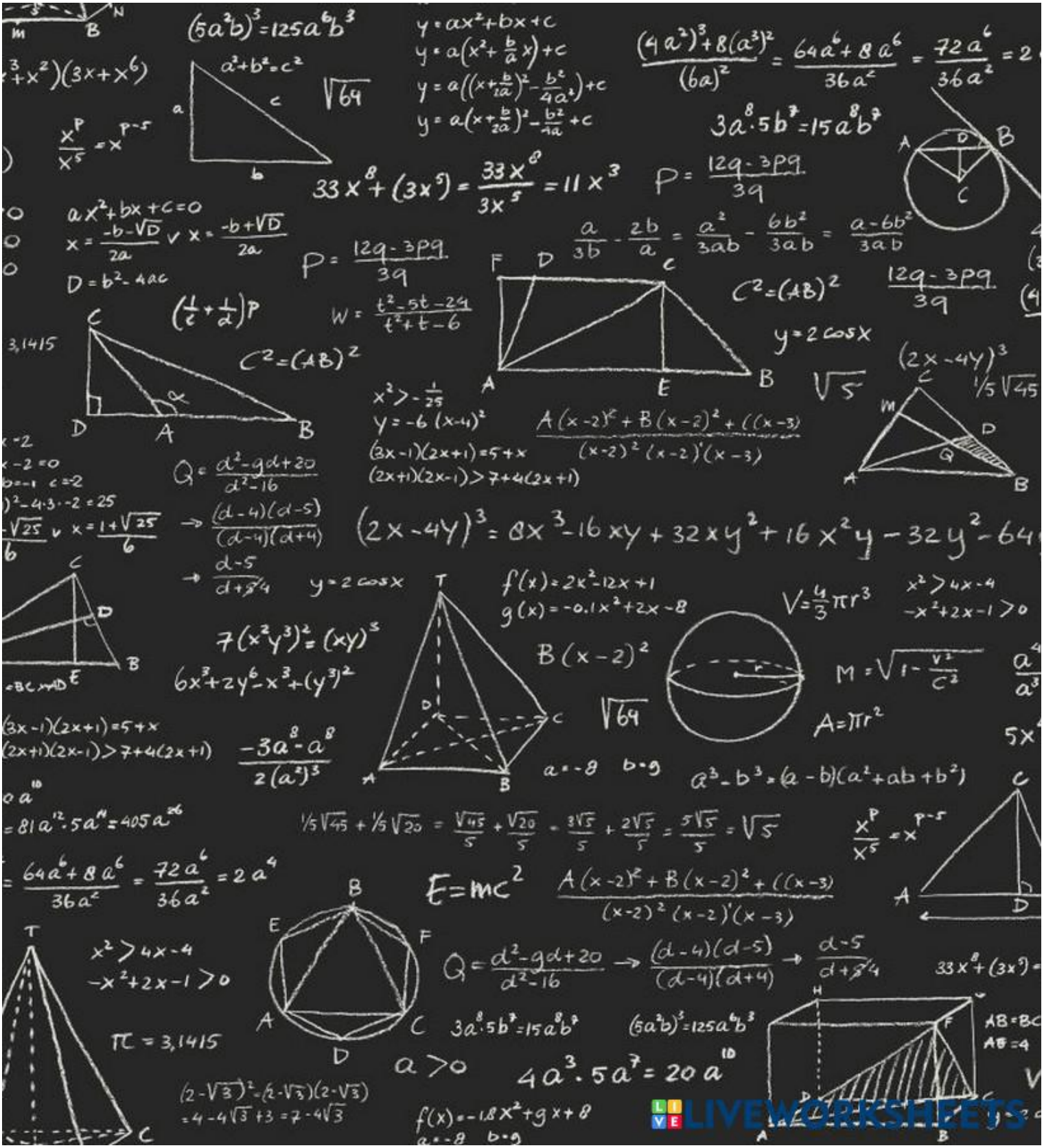
$(5a^2b)^3=125a^6b^3$
$y=ax^2+bx+c$
$y=a(x^2+\frac{b}{a}x)+c$
$y=a((x+\frac{b}{2a})^2-\frac{b^2}{4a^2})+c$
$y=a(x+\frac{b}{2a})^2-\frac{b^2}{4a}+c$
$\frac{(4a^2)^3+8(a^3)^2}{(6a)^2}=\frac{64a^6+8a^6}{36a^2}=\frac{72a^6}{36a^2}=2$
$a^2+b^2=c^2$
$\sqrt{64}$
$\frac{x^p}{x^5}=x^{p-5}$
$3a^8\cdot5b^7=15a^8b^7$
$33x^8+(3x^5)=\frac{33x^8}{3x^5}=11x^3$
$P=\frac{12q-3pq}{3q}$
$ax^2+bx+c=0$
$x=\frac{-b-\sqrt{D}}{2a} \vee x=\frac{-b+\sqrt{D}}{2a}$
$D=b^2-4ac$
$\frac{a}{3b}-\frac{2b}{a}=\frac{a^2}{3ab}-\frac{6b^2}{3ab}=\frac{a-6b^2}{3ab}$
$(\frac{1}{c}+\frac{1}{d})p$
$W=\frac{t^2-5t-24}{t^2+t-6}$
$C^2=(AB)^2$
$y=2\cos x$
$\sqrt{5}$
$(2x-4y)^3$
$\frac{1}{5}\sqrt{45}$
$x^2>-\frac{1}{25}$
$y=-6(x-4)^2$
$(3x-1)(2x+1)=5+x$
$(2x+1)(2x-1)>7+4(2x+1)$
$\frac{A(x-2)^2+B(x-2)^2+((x-3)}{(x-2)^2(x-2)(x-3)}$
$Q=\frac{d^2-9d+20}{d^2-16}$
$\rightarrow\frac{(d-4)(d-5)}{(d-4)(d+4)}$
$\rightarrow\frac{d-5}{d+4}$
$(2x-4y)^3=8x^3-16xy+32xy^2+16x^2y-32y^2-64$
$7(x^2y^3)^2=(xy)^5$
$6x^3+2y^6-x^3+(y^3)^2$
$f(x)=2x^2-12x+1$
$g(x)=-0.1x^2+2x-8$
$V=\frac{4}{3}\pi r^3$
$x^2>4x-4$
$-x^2+2x-1>0$
$B(x-2)^2$
$M=\sqrt{1-\frac{v^2}{c^2}}$
$A=\pi r^2$
$\frac{-3a^8-a^8}{2(a^2)^3}$
$a=-8 \quad b=9$
$a^3-b^3=(a-b)(a^2+ab+b^2)$
$\frac{1}{5}\sqrt{45}+\frac{1}{5}\sqrt{20}=\frac{\sqrt{45}}{5}+\frac{\sqrt{20}}{5}=\frac{3\sqrt{5}}{5}+\frac{2\sqrt{5}}{5}=\frac{5\sqrt{5}}{5}=\sqrt{5}$
$E=mc^2$
$\pi=3,1415$
$a>0$
$4a^3\cdot5a^7=20a^{10}$
$(2-\sqrt{3})^2=(2-\sqrt{3})(2-\sqrt{3})$
$=4-4\sqrt{3}+3=7-4\sqrt{3}$
$f(x)=-1.8x^2+9x+8$
$a=-8 \quad b=9$
LIVEWORKSHEETS